

**BellSouth Telecommunications, Inc.**  
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Nashville, TN 37201-3300

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02 SEP 4 PM 3 40

August 26, 2002

TN REGULATORY AUTHORITY  
DOCKET ROOM

**Guy M. Hicks**  
General Counsel

615 214 6301  
Fax 615 214 7406

**VIA HAND DELIVER**

Hon. Sarah Kyle  
Chairman  
Tennessee Regulatory Authority  
460 James Robertson Parkway  
Nashville, Tennessee 37243-0505

Re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Navigator Telecommunications, LLC Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*  
Docket No. 01-00930

Dear Chairman Kyle:

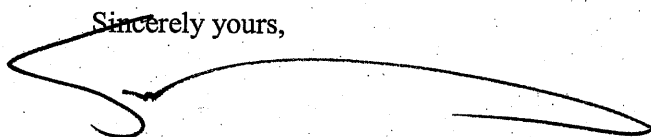
DOCKET NO.

02-00954

Pursuant to Section 252(e) of the ~~Telecommunications~~ Act of 1996, Navigator Telecommunications, LLC and BellSouth Telecommunications, Inc. are hereby submitting to the Tennessee Regulatory Authority the original and thirteen copies of the attached Petition for Approval of the Interconnection Agreement dated July 11, 2002.

Thank you for your attention to this matter.

Sincerely yours,



Guy M. Hicks

cc: Mr. Michael McAlister, Navigator Telecommunications, LLC

BEFORE THE TENNESSEE REGULATORY AUTHORITY  
Nashville, Tennessee

In re: *Approval of the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and Navigator Telecommunications, LLC Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996*

Docket No. 01-00930

**PETITION FOR APPROVAL OF THE**  
**INTERCONNECTION AGREEMENT NEGOTIATED**  
**BETWEEN BELL SOUTH TELECOMMUNICATIONS, INC.**  
**AND NAVIGATOR TELECOMMUNICATIONS, LLC**  
**PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996**

COME NOW, Navigator Telecommunications, LLC ("Navigator") and BellSouth Telecommunications, Inc., ("BellSouth"), and file this request for approval of the Interconnection Agreement (the "Agreement") negotiated between the two companies pursuant to Sections 251 and 252 of the Telecommunications Act of 1996, (the "Act"). In support of their request, Navigator and BellSouth state the following:

1. Navigator and BellSouth have recently negotiated an agreement for interconnection of their networks, the unbundling of specific network elements offered by BellSouth and the resale of BellSouth's telecommunications services to Navigator. A copy of the Agreement is attached hereto and incorporated herein by reference.

2. Pursuant to Section 252(e) of the Telecommunications Act of 1996, Navigator and BellSouth are submitting their Agreement to the TRA for its consideration and approval.

3. In accordance with Section 252(e) of the Act, the TRA is charged with approving or rejecting the negotiated Agreement between BellSouth and Navigator within 90 days of its submission. The Act provides that the TRA may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier

not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity.

4. Navigator and BellSouth aver that the Agreement is consistent with the standards for approval.

5. Pursuant to Section 252(i) of the Act, BellSouth shall make the Agreement available upon the same terms and conditions contained therein.

Navigator and BellSouth respectfully request that the TRA approve the Agreement negotiated between the parties.

This 27<sup>th</sup> day of August, 2002.

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.

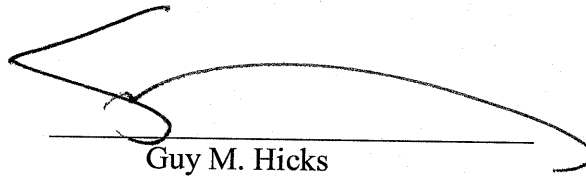
By: 

Guy M. Hicks  
333 Commerce Street, Suite 2101  
Nashville, Tennessee 37201-3300  
(615) 214-6301  
Attorney for BellSouth

**CERTIFICATE OF SERVICE**

I, Guy M. Hicks, hereby certify that I have served a copy of the foregoing Petition for Approval of the Interconnection Agreement on the following via United States Mail on the 27<sup>th</sup> day of August, 2002.:

Michael McAlister  
Navigator Telecommunications, LLC  
8525 Riverwood Park Drive  
North Little Rock, AR 72113



Guy M. Hicks



**By and Between**

**BellSouth Telecommunications, Inc.**

**And**

**Navigator Telecommunications, LLC**

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## **AGREEMENT GENERAL TERMS AND CONDITIONS**

**THIS AGREEMENT** is made by and between BellSouth Telecommunications, Inc., ("BellSouth"), a Georgia corporation, and Navigator Telecommunications, LLC, an Arkansas limited liability partnership, and shall be effective as stated in the Definitions. This Agreement may refer to either BellSouth or Navigator or both as a "Party" or "Parties."

### **WITNESSETH**

**WHEREAS**, BellSouth is a local exchange telecommunications company authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee; and

**WHEREAS**, Navigator is or seeks to become a CLEC authorized to provide telecommunications services in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee; and

**WHEREAS**, Navigator wishes to resell BellSouth's telecommunications services and purchase network elements and other services, and, solely in connection therewith, may wish to utilize Collocation Space or space available pursuant to Adjacent Arrangement (all as defined in Attachment 4 of this Agreement); and

**WHEREAS**, the Parties wish to interconnect their facilities and exchange traffic pursuant to Sections 251 and 252 of the Act.

**NOW THEREFORE**, in consideration of the mutual agreements contained herein, BellSouth and Navigator agree as follows:

#### **Definitions**

**Affiliate** is defined as a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term "own" means to own an equity interest (or equivalent thereof) of more than 10 percent.

**Commission** is defined as the appropriate regulatory agency in each of BellSouth's nine-state region, Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.

**Competitive Local Exchange Carrier (CLEC)** means a telephone company certificated by the Commission to provide local exchange service within BellSouth's franchised area.

**Effective Date** is defined as the date that the Agreement is effective for purposes of rates, terms and conditions and shall be thirty (30) days after the date of the last signature executing the Agreement. Future amendments for rate changes will also be effective thirty (30) days after the Effective Date of the Amendment, which shall be the date of the last signature executing the Amendment. Other Charges and Credits will be mechanically created to adjust recurring rates previously billed in advance at the previous rates.

**End User** means the ultimate user of the Telecommunications Service.

**FCC** means the Federal Communication Commission.

**General Terms and Conditions** means this document including all of the terms, provisions and conditions set forth herein.

**Telecommunications** means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.

**Telecommunications Service** means the offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

**Telecommunications Act of 1996 ("Act")** means Public Law 104-104 of the United States Congress effective February 8, 1996. The Act amended the Communications Act of 1934 (47 U.S.C. Section 1 et. seq.).

## **1. CLEC Certification**

1.1 Navigator agrees to provide BellSouth in writing the certificate number, company number or docket number, for the docket pending certification, for all states covered by this Agreement except Kentucky prior to BellSouth filing this Agreement with the appropriate commission for approval.

1.2 Additionally, Navigator will notify BellSouth in writing when it becomes certified or has a docket pending certification to operate in any other state in the BellSouth region. Upon notification, BellSouth will file this Agreement with the appropriate commission for approval.

## **2. Term of the Agreement**

2.1 The term of this Agreement shall be three years, beginning on the Effective Date and shall apply to the BellSouth territory in the state(s) of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee. Notwithstanding any prior agreement of the Parties, the rates, terms

and conditions of this Agreement shall not be applied retroactively prior to the Effective Date.

2.2 The Parties agree that by no earlier than two hundred seventy (270) days and no later than one hundred and eighty (180) days prior to the expiration of this Agreement, they shall commence negotiations for a new agreement to be effective beginning on the expiration date of this Agreement ("Subsequent Agreement").

2.3 If, within one hundred and thirty-five (135) days of commencing the negotiation referred to in Section 2.2 above, the Parties are unable to negotiate new terms, conditions and prices for a Subsequent Agreement, either Party may petition the Commission to establish appropriate terms, conditions and prices for the Subsequent Agreement pursuant to 47 U.S.C. 252.

2.4 If as of the expiration of this Agreement a Subsequent Agreement has not been executed by the Parties, this Agreement shall terminate. Upon termination of this Agreement, BellSouth shall continue to offer services to Navigator pursuant to the terms, conditions and rates set forth in BellSouth's then current standard interconnection agreement. In the event that BellSouth's standard interconnection agreement becomes effective as between the Parties, the Parties may continue to negotiate a Subsequent Agreement or arbitrate disputed issues to reach a Subsequent Agreement as set forth in Section 2.3 above, and the terms of such Subsequent Agreement shall be effective as of the effective date as stated in Subsequent Agreement.

### 3. **Operational Support Systems**

Navigator shall pay charges for Operational Support Systems (OSS) as set forth in this Agreement in Attachment 1 and/or in Attachments 2, 3 and 5, as applicable.

### 4. **Parity**

When Navigator purchases, pursuant to Attachment 1 of this Agreement, telecommunications services from BellSouth for the purposes of resale to end users, BellSouth shall provide said services so that the services are equal in quality, subject to the same conditions, and provided within the same provisioning time intervals that BellSouth provides to its affiliates, subsidiaries and end users. To the extent technically feasible, the quality of a Network Element, as well as the quality of the access to such Network Element provided by BellSouth to Navigator shall be at least equal in quality to that which BellSouth provides to itself, its affiliates or any other telecommunications carrier. The quality of the interconnection between the networks of BellSouth and the network of Navigator shall be at a level that is equal to that which BellSouth provides itself, a subsidiary, an Affiliate, or any other party. The interconnection facilities shall be designed to meet the same technical criteria and service standards that are used within BellSouth's network and shall extend to a consideration of service quality as perceived by BellSouth's end users and service quality as perceived by Navigator.

### 5. **White Pages Listings**

- 5.1 BellSouth shall provide Navigator and their customers access to white pages directory listings under the following terms:
- 5.2 Listings. Navigator shall provide all new, changed and deleted listings on a timely basis and BellSouth or its agent will include Navigator residential and business customer listings in the appropriate White Pages (residential and business) or alphabetical directories. Directory listings will make no distinction between Navigator and BellSouth subscribers.
- 5.2.1 Rates. So long as Navigator provides subscriber listing information to BellSouth in accordance with Section 5.3 below, BellSouth shall provide to Navigator one (1) primary White Pages listing per Navigator subscriber at no charge other than applicable service order charges as set forth in BellSouth's tariffs.
- 5.3 Procedures for Submitting Navigator Subscriber Information are found in The BellSouth Business Rules for Local Ordering.
- 5.4 Notwithstanding any provision(s) to the contrary, Navigator shall provide to BellSouth, and BellSouth shall accept, Navigator's Subscriber Listing Information (SLI) relating to Navigator's customers in the geographic area(s) covered by this Interconnection Agreement. Navigator authorizes BellSouth to release all such Navigator SLI provided to BellSouth by Navigator to qualifying third parties via either license agreement or BellSouth's Directory Publishers Database Service (DPDS), General Subscriber Services Tariff (GSST), Section A38.2, as the same may be amended from time to time. Such Navigator SLI shall be intermingled with BellSouth's own customer listings and listings of any other CLEC that has authorized a similar release of SLI. Where necessary, BellSouth will use good faith efforts to obtain Commission approval of any necessary modifications to Section A38.2 of its tariff to provide for release of third party directory listings, including modifications regarding listings to be released pursuant to such tariff and BellSouth's liability thereunder. BellSouth's obligation pursuant to this Section shall not arise in any particular state until the Commission of such state has approved modifications to such tariff.
- 5.4.1 No compensation shall be paid to Navigator for BellSouth's receipt of Navigator SLI, or for the subsequent release to third parties of such SLI. In addition, to the extent BellSouth incurs costs to modify its systems to enable the release of Navigator's SLI, or costs on an ongoing basis to administer the release of Navigator SLI, Navigator shall pay to BellSouth its proportionate share of the reasonable costs associated therewith. At any time that costs may be incurred to administer the release of Navigator's SLI, Navigator will be notified. If Navigator does not wish to pay its proportionate share of these reasonable costs, Navigator may instruct BellSouth that it does not wish to release its SLI to independent publishers, and Navigator may amend its interconnection agreement accordingly. Such amendment would become effective at such time that both Parties have signed, and Navigator will be liable for all costs incurred up to that time.

- 5.4.2 Neither BellSouth nor any agent shall be liable for the content or accuracy of any SLI provided by Navigator under this Agreement. Navigator shall indemnify, hold harmless and defend BellSouth and its agents from and against any damages, losses, liabilities, demands, claims, suits, judgments, costs and expenses (including but not limited to reasonable attorneys' fees and expenses) arising from BellSouth's tariff obligations or otherwise and resulting from or arising out of any third party's claim of inaccurate Navigator listings or use of the SLI provided pursuant to this Agreement. BellSouth may forward to Navigator any complaints received by BellSouth relating to the accuracy or quality of Navigator listings.
- 5.4.3 Listings and subsequent updates will be released consistent with BellSouth system changes and/or update scheduling requirements.
- 5.5 Unlisted/Non-Published Subscribers. Navigator will be required to provide to BellSouth the names, addresses and telephone numbers of all Navigator customers who wish to be omitted from directories. Unlisted/Non-Published Subscriber listings will be offered at tariff rates as set forth in the GSST.
- 5.6 Inclusion of Navigator Customers in Directory Assistance Database. BellSouth will include and maintain Navigator subscriber listings in BellSouth's Directory Assistance databases at no recurring charge and Navigator shall provide such Directory Assistance listings at no recurring charge. BellSouth and Navigator will formulate appropriate procedures regarding lead-time, timeliness, format and content of listing information.
- 5.7 Listing Information Confidentiality. BellSouth will accord Navigator's directory listing information the same level of confidentiality that BellSouth accords its own directory listing information, and BellSouth shall limit access to Navigator's customer proprietary confidential directory information to those BellSouth employees or agents who are involved in the preparation of listings or directories.
- 5.8 Additional and Designer Listings. Additional and designer listings will be offered by BellSouth at tariffed rates as set forth in the General Subscriber Services Tariff.
- 5.9 Directories. BellSouth or its agent shall make available White Pages directories to Navigator subscribers at no charge or as specified in a separate BAPCO agreement.
6. **Court Ordered Requests for Call Detail Records and Other Subscriber Information**
- 6.1 Subpoenas Directed to BellSouth. Where BellSouth provides resold services or local switching for Navigator, BellSouth shall respond to subpoenas and court ordered requests delivered directly to BellSouth for the purpose of providing call detail records when the targeted telephone numbers belong to Navigator end users. Billing for such requests will be generated by BellSouth and directed to the law enforcement agency initiating the request. BellSouth shall maintain such



information for Navigator end users for the same length of time it maintains such information for its own end users.

- 6.2 Subpoenas Directed to Navigator. Where BellSouth is providing to Navigator telecommunications services for resale or providing to Navigator the local switching function, then Navigator agrees that in those cases where Navigator receives subpoenas or court ordered requests regarding targeted telephone numbers belonging to Navigator end users, and where Navigator does not have the requested information, Navigator will advise the law enforcement agency initiating the request to redirect the subpoena or court ordered request to BellSouth for handling in accordance with 6.1 above.

- 6.3 In all other instances, where either Party receives a request for information involving the other Party's end user, the Party receiving the request will advise the law enforcement agency initiating the request to redirect such request to the other Party.

## 7. **Liability and Indemnification**

- 7.1 Navigator Liability. In the event that Navigator consists of two (2) or more separate entities as set forth in this Agreement and/or any Amendments hereto, all such entities shall be jointly and severally liable for the obligations of Navigator under this Agreement.

- 7.2 Liability for Acts or Omissions of Third Parties. BellSouth shall not be liable to Navigator for any act or omission of another telecommunications company providing services to Navigator.

### 7.3 Limitation of Liability

- 7.3.1 Except for any indemnification obligations of the Parties hereunder, each Party's liability to the other for any loss, cost, claim, injury or liability or expense, including reasonable attorneys' fees relating to or arising out of any negligent act or omission in its performance of this Agreement whether in contract or in tort, shall be limited to a credit for the actual cost of the services or functions not performed or improperly performed.

- 7.3.2 Limitations in Tariffs. A Party may, in its sole discretion, provide in its tariffs and contracts with its End Users and third parties that relate to any service, product or function provided or contemplated under this Agreement, that to the maximum extent permitted by Applicable Law, such Party shall not be liable to the End User or third party for (i) any loss relating to or arising out of this Agreement, whether in contract, tort or otherwise, that exceeds the amount such Party would have charged that applicable person for the service, product or function that gave rise to such loss and (ii) Consequential Damages. To the extent that a Party elects not to place in its tariffs or contracts such limitations of liability, and the other Party incurs a loss as a result thereof, such Party shall indemnify and reimburse the other Party for that portion of the loss that would have been limited had the first Party

included in its tariffs and contracts the limitations of liability that such other Party included in its own tariffs at the time of such loss.

- 7.3.3 Neither BellSouth nor Navigator shall be liable for damages to the other Party's terminal location, equipment or End User premises resulting from the furnishing of a service, including, but not limited to, the installation and removal of equipment or associated wiring, except to the extent caused by a Party's negligence or willful misconduct or by a Party's failure to ground properly a local loop after disconnection.
- 7.3.4 Under no circumstance shall a Party be responsible or liable for indirect, incidental, or consequential damages, including, but not limited to, economic loss or lost business or profits, damages arising from the use or performance of equipment or software, or the loss of use of software or equipment, or accessories attached thereto, delay, error, or loss of data. In connection with this limitation of liability, each Party recognizes that the other Party may, from time to time, provide advice, make recommendations, or supply other analyses related to the Services, or facilities described in this Agreement, and, while each Party shall use diligent efforts in this regard, the Parties acknowledge and agree that this limitation of liability shall apply to provision of such advice, recommendations, and analyses.
- 7.3.5 To the extent any specific provision of this Agreement purports to impose liability, or limitation of liability, on either Party different from or in conflict with the liability or limitation of liability set forth in this Section, then with respect to any facts or circumstances covered by such specific provisions, the liability or limitation of liability contained in such specific provision shall apply.
- 7.4 Indemnification for Certain Claims. The Party providing services hereunder, its affiliates and its parent company, shall be indemnified, defended and held harmless by the Party receiving services hereunder against any claim, loss or damage arising from the receiving company's use of the services provided under this Agreement pertaining to (1) claims for libel, slander or invasion of privacy arising from the content of the receiving company's own communications, or (2) any claim, loss or damage claimed by the End User of the Party receiving services arising from such company's use or reliance on the providing company's services, actions, duties, or obligations arising out of this Agreement.
- 7.5 Disclaimer. EXCEPT AS SPECIFICALLY PROVIDED TO THE CONTRARY IN THIS AGREEMENT, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES TO THE OTHER PARTY CONCERNING THE SPECIFIC QUALITY OF ANY SERVICES, OR FACILITIES PROVIDED UNDER THIS AGREEMENT. THE PARTIES DISCLAIM, WITHOUT LIMITATION, ANY WARRANTY OR GUARANTEE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR FROM USAGES OF TRADE.

**8. Intellectual Property Rights and Indemnification**

8.1 No License. No patent, copyright, trademark or other proprietary right is licensed, granted or otherwise transferred by this Agreement. Navigator is strictly prohibited from any use, including but not limited to in sales, in marketing or advertising of telecommunications services, of any BellSouth name, service mark or trademark (collectively, the "Marks"). The Marks of BellSouth include those Marks owned directly by BellSouth and those Marks that BellSouth has a legal and valid license to use.

8.2 Ownership of Intellectual Property. Any intellectual property that originates from or is developed by a Party shall remain the exclusive property of that Party. Except for a limited license to use patents or copyrights to the extent necessary for the Parties to use any facilities or equipment (including software) or to receive any service solely as provided under this Agreement, no license in patent, copyright, trademark or trade secret, or other proprietary or intellectual property right now or hereafter owned, controlled or licensable by a Party, is granted to the other Party or shall be implied or arise by estoppel. It is the responsibility of each Party to ensure at no additional cost to the other Party that it has obtained any necessary licenses in relation to intellectual property of third Parties used in its network that may be required to enable the other Party to use any facilities or equipment (including software), to receive any service, or to perform its respective obligations under this Agreement.

8.3 Indemnification. The Party providing a service pursuant to this Agreement will defend the Party receiving such service or data provided as a result of such service against claims of infringement arising solely from the use by the receiving Party of such service in the manner contemplated under this Agreement and will indemnify the receiving Party for any damages awarded based solely on such claims in accordance with Section 7 preceding.

8.4 Claim of Infringement. In the event that use of any facilities or equipment (including software), becomes, or in the reasonable judgment of the Party who owns the affected network is likely to become, the subject of a claim, action, suit, or proceeding based on intellectual property infringement, then said Party shall promptly and at its sole expense and sole option, but subject to the limitations of liability set forth below:

8.4.1 modify or replace the applicable facilities or equipment (including software) while maintaining form and function, or

8.4.2 obtain a license sufficient to allow such use to continue.

8.4.3 In the event Section 8.4.1 or 8.4.2 are commercially unreasonable, then said Party may, terminate, upon reasonable notice, this contract with respect to use of, or services provided through use of, the affected facilities or equipment (including software), but solely to the extent required to avoid the infringement claim.

- 8.5 **Exception to Obligations.** Neither Party's obligations under this Section shall apply to the extent the infringement is caused by: (i) modification of the facilities or equipment (including software) by the indemnitee; (ii) use by the indemnitee of the facilities or equipment (including software) in combination with equipment or facilities (including software) not provided or authorized by the indemnitor, provided the facilities or equipment (including software) would not be infringing if used alone; (iii) conformance to specifications of the indemnitee which would necessarily result in infringement; or (iv) continued use by the indemnitee of the affected facilities or equipment (including software) after being placed on notice to discontinue use as set forth herein.
- 8.6 **Exclusive Remedy.** The foregoing shall constitute the Parties' sole and exclusive remedies and obligations with respect to a third party claim of intellectual property infringement arising out of the conduct of business under this Agreement.
- 8.7 **Dispute Resolution.** Any claim arising under this Section 8 shall be excluded from the dispute resolution procedures set forth in Section 10 and shall be brought in a court of competent jurisdiction.
9. **Proprietary and Confidential Information**
- 9.1 **Proprietary and Confidential Information.** It may be necessary for BellSouth and Navigator, each as the "Discloser," to provide to the other Party, as "Recipient," certain proprietary and confidential information (including trade secret information) including but not limited to technical, financial, marketing, staffing and business plans and information, strategic information, proposals, request for proposals, specifications, drawings, maps, prices, costs, costing methodologies, procedures, processes, business systems, software programs, techniques, customer account data, call detail records and like information (collectively the "Information"). All such Information conveyed in writing or other tangible form shall be clearly marked with a confidential or proprietary legend. Information conveyed orally by the Discloser to Recipient shall be designated as proprietary and confidential at the time of such oral conveyance, shall be reduced to writing by the Discloser within forty-five (45) days thereafter, and shall be clearly marked with a confidential or proprietary legend.
- 9.2 **Use and Protection of Information.** Recipient agrees to protect such Information of the Discloser provided to Recipient from whatever source from distribution, disclosure or dissemination to anyone except employees of Recipient with a need to know such Information solely in conjunction with Recipient's analysis of the Information and for no other purpose except as authorized herein or as otherwise authorized in writing by the Discloser. Recipient will not make any copies of the Information inspected by it.
- 9.3 **Exceptions.** Recipient will not have an obligation to protect any portion of the Information which:

- 9.3.1 (a) is made publicly available by the Discloser or lawfully by a nonparty to this Agreement; (b) is lawfully obtained by Recipient from any source other than Discloser; (c) is previously known to Recipient without an obligation to keep it confidential; or (d) is released from the terms of this Agreement by Discloser upon written notice to Recipient.
- 9.4 Recipient agrees to use the Information solely for the purposes of negotiations pursuant to 47 U.S.C. 251 or in performing its obligations under this Agreement and for no other entity or purpose, except as may be otherwise agreed to in writing by the Parties. Nothing herein shall prohibit Recipient from providing information requested by the FCC or a state regulatory agency with jurisdiction over this matter, or to support a request for arbitration or an allegation of failure to negotiate in good faith.
- 9.5 Recipient agrees not to publish or use the Information for any advertising, sales promotions, press releases, or publicity matters that refer either directly or indirectly to the Information or to the Discloser or any of its affiliated companies.
- 9.6 The disclosure of Information neither grants nor implies any license to the Recipient under any trademark, patent, copyright, or application that is now or may hereafter be owned by the Discloser.
- 9.7 Survival of Confidentiality Obligations. The Parties' rights and obligations under this Section 9 shall survive and continue in effect until two (2) years after the expiration or termination date of this Agreement with regard to all Information exchanged during the term of this Agreement. Thereafter, the Parties' rights and obligations hereunder survive and continue in effect with respect to any Information that is a trade secret under applicable law.
- 9.8 Assignments. Any assignment by either Party to any non-affiliated entity of any right, obligation or duty, or of any other interest hereunder, in whole or in part, without the prior written consent of the other Party shall be void. A Party may assign this Agreement or any right, obligation, duty or other interest hereunder to an Affiliate of the Party without the consent of the other Party; provided, however, that the assigning Party shall notify the other Party in writing of such assignment thirty (30) days prior to the Effective Date thereof and, provided further, if the assignee is an assignee of Navigator, the assignee must provide evidence of Commission CLEC certification. The Parties shall amend this Agreement to reflect such assignments and shall work cooperatively to implement any changes required due to such assignment. All obligations and duties of any Party under this Agreement shall be binding on all successors in interest and assigns of such Party. No assignment or delegation hereof shall relieve the assignor of its obligations under this Agreement in the event that the assignee fails to perform such obligations.

## 10. Resolution of Disputes

Except as otherwise stated in this Agreement, if any dispute arises as to the interpretation of any provision of this Agreement or as to the proper implementation of this Agreement, the aggrieved Party shall petition the Commission for a resolution of the dispute. However, each Party reserves any rights it may have to seek judicial review of any ruling made by the Commission concerning this Agreement.

**11. Taxes**

**11.1** Definition. For purposes of this Section, the terms "taxes" and "fees" shall include but not be limited to federal, state or local sales, use, excise, gross receipts or other taxes or tax-like fees of whatever nature and however designated (including tariff surcharges and any fees, charges or other payments, contractual or otherwise, for the use of public streets or rights of way, whether designated as franchise fees or otherwise) imposed, or sought to be imposed, on or with respect to the services furnished hereunder or measured by the charges or payments therefore, excluding any taxes levied on income.

**11.2** Taxes and Fees Imposed Directly On Either Providing Party or Purchasing Party.

**11.2.1** Taxes and fees imposed on the providing Party, which are not permitted or required to be passed on by the providing Party to its customer, shall be borne and paid by the providing Party.

**11.2.2** Taxes and fees imposed on the purchasing Party, which are not required to be collected and/or remitted by the providing Party, shall be borne and paid by the purchasing Party.

**11.3** Taxes and Fees Imposed on Purchasing Party But Collected And Remitted By Providing Party.

**11.3.1** Taxes and fees imposed on the purchasing Party shall be borne by the purchasing Party, even if the obligation to collect and/or remit such taxes or fees is placed on the providing Party.

**11.3.2** To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.

**11.3.3** If the purchasing Party determines that in its opinion any such taxes or fees are not payable, the providing Party shall not bill such taxes or fees to the purchasing Party if the purchasing Party provides written certification, reasonably satisfactory to the providing Party, stating that it is exempt or otherwise not subject to the tax or fee, setting forth the basis therefor, and satisfying any other requirements under applicable law. If any authority seeks to collect any such tax or fee that the

purchasing Party has determined and certified not to be payable, or any such tax or fee that was not billed by the providing Party, the purchasing Party may contest the same in good faith, at its own expense. In any such contest, the purchasing Party shall promptly furnish the providing Party with copies of all filings in any proceeding, protest, or legal challenge, all rulings issued in connection therewith, and all correspondence between the purchasing Party and the taxing authority.

- 11.3.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.
- 11.3.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.
- 11.3.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee.
- 11.3.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 11.4 Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party.
- 11.4.1 Taxes and fees imposed on the providing Party, which are permitted or required to be passed on by the providing Party to its customer, shall be borne by the purchasing Party.
- 11.4.2 To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.
- 11.4.3 If the purchasing Party disagrees with the providing Party's determination as to the application or basis for any such tax or fee, the Parties shall consult with respect to the imposition and billing of such tax or fee. Notwithstanding the foregoing, the providing Party shall retain ultimate responsibility for determining whether and to what extent any such taxes or fees are applicable, and the purchasing Party shall

abide by such determination and pay such taxes or fees to the providing Party. The providing Party shall further retain ultimate responsibility for determining whether and how to contest the imposition of such taxes and fees; provided, however, that any such contest undertaken at the request of the purchasing Party shall be at the purchasing Party's expense.

- 11.4.4 In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.
- 11.4.5 If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.
- 11.4.6 Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other reasonable charges or payable expenses (including reasonable attorneys' fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee.
- 11.4.7 Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) days after receipt of such assessment, proposed assessment or claim.
- 11.5 Mutual Cooperation. In any contest of a tax or fee by one Party, the other Party shall cooperate fully by providing records, testimony and such additional information or assistance as may reasonably be necessary to pursue the contest. Further, the other Party shall be reimbursed for any reasonable and necessary out-of-pocket copying and travel expenses incurred in assisting in such contest.

## 12. Force Majeure

In the event performance of this Agreement, or any obligation hereunder, is either directly or indirectly prevented, restricted, or interfered with by reason of fire, flood, earthquake or like acts of God, wars, revolution, civil commotion, explosion, acts of public enemy, embargo, acts of the government in its sovereign capacity, labor difficulties, including without limitation, strikes, slowdowns, picketing, or boycotts, unavailability of equipment from vendor, changes requested by Customer, or any other circumstances beyond the reasonable control and without the fault or negligence of the Party affected, the Party affected, upon giving prompt notice to the other Party, shall be excused from such performance on a day-to-day basis to the extent of such prevention, restriction, or interference



(and the other Party shall likewise be excused from performance of its obligations on a day-to-day basis until the delay, restriction or interference has ceased); provided however, that the Party so affected shall use diligent efforts to avoid or remove such causes of non-performance and both Parties shall proceed whenever such causes are removed or cease.

**13. Adoption of Agreements**

BellSouth shall make available, pursuant to 47 USC § 252 and the FCC rules and regulations regarding such availability, to Navigator any interconnection, service, or network element provided under any other agreement filed and approved pursuant to 47 USC § 252, provided a minimum of six months remains on the term of such agreement. The Parties shall adopt all rates, terms and conditions concerning such other interconnection, service or network element and any other rates, terms and conditions that are legitimately related to or were negotiated in exchange for or in conjunction with the interconnection, service or network element being adopted. The adopted interconnection, service, or network element and agreement shall apply to the same states as such other agreement. The term of the adopted agreement or provisions shall expire on the same date as set forth in the agreement that was adopted.

**14. Modification of Agreement**

14.1 If Navigator changes its name or makes changes to its company structure or identity due to a merger, acquisition, transfer or any other reason, it is the responsibility of Navigator to notify BellSouth of said change and request that an amendment to this Agreement, if necessary, be executed to reflect said change.

14.2 No modification, amendment, supplement to, or waiver of the Agreement or any of its provisions shall be effective and binding upon the Parties unless it is made in writing and duly signed by the Parties.

14.3 In the event that any effective legislative, regulatory, judicial or other legal action materially affects any material terms of this Agreement, or the ability of Navigator or BellSouth to perform any material terms of this Agreement, Navigator or BellSouth may, on thirty (30) days' written notice require that such terms be renegotiated, and the Parties shall renegotiate in good faith such mutually acceptable new terms as may be required. In the event that such new terms are not renegotiated within ninety (90) days after such notice, the Dispute shall be referred to the Dispute Resolution procedure set forth in this Agreement.

**15. Non-waiver of Legal Rights**

Execution of this Agreement by either Party does not confirm or imply that the executing Party agrees with any decision(s) issued pursuant to the Telecommunications Act of 1996 and the consequences of those decisions on specific language in this Agreement. Neither Party waives its rights to appeal or otherwise challenge any such decision(s) and each Party reserves all of its rights to

pursue any and all legal and/or equitable remedies, including appeals of any such decision(s).

**16. Indivisibility**

The Parties intend that this Agreement be indivisible and nonseverable, and each of the Parties acknowledges that it has assented to all of the covenants and promises in this Agreement as a single whole and that all of such covenants and promises, taken as a whole, constitute the essence of the contract. Without limiting the generality of the foregoing, each of the Parties acknowledges that any provision by BellSouth of Collocation Space (or space pursuant to Adjacent Arrangement) under this Agreement is solely for the purpose of facilitating the provision of other services under this Agreement and that neither Party would have contracted with respect to the provisioning of Collocation Space (or space pursuant to Adjacent Arrangement) if the covenants and promises of the other Party with respect to the other services provided for under this Agreement had not been made. The Parties further acknowledge that this Agreement is intended to constitute a single transaction, that the obligations of the Parties under this Agreement are interdependent, and that payment obligations under this Agreement are intended to be recoupable against other payment obligations under this Agreement.

**17. Waivers**

A failure or delay of either Party to enforce any of the provisions hereof, to exercise any option which is herein provided, or to require performance of any of the provisions hereof shall in no way be construed to be a waiver of such provisions or options, and each Party, notwithstanding such failure, shall have the right thereafter to insist upon the performance of any and all of the provisions of this Agreement.

**18. Governing Law**

This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of Georgia, without regard to its conflict of laws principles.

**19. Arm's Length Negotiations**

This Agreement was executed after arm's length negotiations between the undersigned Parties and reflects the conclusion of the undersigned that this Agreement is in the best interests of all Parties.

**20. Notices**

20.1 Every notice, consent, approval, or other communications required or contemplated by this Agreement shall be in writing and shall be delivered by hand, by overnight courier or by US mail postage prepaid, address to:

**BellSouth Telecommunications, Inc.**

BellSouth Local Contract Manager  
600 North 19<sup>th</sup> Street  
Birmingham, Alabama 35203

and

General Attorney - COU  
Suite 4300  
675 W. Peachtree St.  
Atlanta, GA 30375

**Navigator**

Michael McAlister  
FedEx Address:  
8525 Riverwood Park Drive  
North Little Rock, AR 72113  
USPS Address:  
P. O. Box 13860  
North Little Rock, AR 72113-0860

or at such other address as the intended recipient previously shall have designated by written notice to the other Party.

20.2 Unless otherwise provided in this Agreement, notice by mail shall be effective on the date it is officially recorded as delivered by return receipt or equivalent, and in the absence of such record of delivery, it shall be presumed to have been delivered the fifth day, or next business day after the fifth day, after it was deposited in the mails.

20.3 Notwithstanding the foregoing, BellSouth may provide Navigator notice via Internet posting of price changes, changes to the terms and conditions of services available for resale per Commission Orders. BellSouth will also post changes to business processes and policies, notices of new service offerings, and changes to service offerings not requiring an amendment to this Agreement, notices required to be posted to BellSouth's website, and any other information of general applicability to CLECs.

**21. Rule of Construction**

No rule of construction requiring interpretation against the drafting Party hereof shall apply in the interpretation of this Agreement.

**22. Headings of No Force or Effect**

The headings of Articles and Sections of this Agreement are for convenience of reference only, and shall in no way define, modify or restrict the meaning or interpretation of the terms or provisions of this Agreement.

**23. Multiple Counterparts**

This Agreement may be executed in multiple counterparts, each of which shall be deemed an original, but all of which shall together constitute but one and the same document.

**24. Implementation of Agreement**

If Navigator is a facilities based provider or a facilities based and resale provider, this section shall apply. Within 60 days of the execution of this Agreement, the Parties may adopt a schedule for the implementation of the Agreement. The schedule shall state with specificity time frames for submission of including but not limited to, network design, interconnection points, collocation arrangement requests, pre-sales testing and full operational time frames for the business and residential markets.

**25. Filing of Agreement**

Upon execution of this Agreement it shall be filed with the appropriate state regulatory agency pursuant to the requirements of Section 252 of the Act, and the Parties shall share equally any filing fees therefor. If the regulatory agency imposes any filing or public interest notice fees regarding the filing or approval of the Agreement, Navigator shall be responsible for publishing the required notice and the publication and/or notice costs shall be borne by Navigator. Notwithstanding the foregoing, this Agreement shall not be submitted for approval by the appropriate state regulatory agency unless and until such time as Navigator is duly certified as a local exchange carrier in such state, except as otherwise required by a Commission.

**26. Compliance with Applicable Law**

Each Party shall comply at its own expense with Applicable Law.

**27. Necessary Approvals**

Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, governmental authorities, building and property owners, other carriers, and any other persons that may be required in connection with the performance of its obligations under this Agreement. Each Party shall reasonably cooperate with the other Party in obtaining and maintaining any required approvals and rights for which such Party is responsible.

**28. Good Faith Performance**

Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.

**29. Nonexclusive Dealings**

This Agreement does not prevent either Party from providing or purchasing services to or from any other person nor, except as provided in Section 252(i) of the Act, does it obligate either Party to provide or purchase any services (except insofar as the Parties are obligated to provide access to Interconnection, services and Network Elements to Navigator as a requesting carrier under the Act).

**30. Rate True-Up**

**30.1** This section applies to Network Interconnection and/or Unbundled Network Elements and Other Services rates that are expressly subject to true-up under this Agreement.

**30.2** The designated true-up rates for Network Elements and Other Services and Network Interconnection shall be subject to true-up according to the following procedures:

**30.3** The designated true-up rates shall be true-up, either up or down, based on final prices determined either by further agreement between the Parties, or by a final order (including any appeals) of the Commission. The Parties shall implement the true-up by comparing the actual volumes and demand for each item, together with the designated true-up rates for each item, with the final prices determined for each item. Each Party shall keep its own records upon which the true-up can be based, and any final payment from one Party to the other shall be in an amount agreed upon by the Parties based on such records. In the event of any disagreement as between the records or the Parties regarding the amount of such true-up, the Parties agree that the body having jurisdiction over the matter shall be called upon to resolve such differences, or the Parties may mutually agree to submit the matter to the Dispute Resolution process in accordance with the provisions of Section 10 of the General Terms and Conditions of this Agreement.

**30.4** The Parties may continue to negotiate toward final prices, but in the event that no such Agreement is reached within nine (9) months, either Party may petition the Commission to resolve such disputes and to determine final prices for each item. Alternatively, upon mutual agreement, the Parties may submit the matter to the Dispute Resolution Process set forth in Section 10 of the General Terms and Conditions of this Agreement, so long as they file the resulting Agreement with the Commission as a "negotiated Agreement" under Section 252(e) of the Act.

**30.5** An effective order of the Commission that forms the basis of a true-up shall be based upon cost studies submitted by either or both Parties to the Commission and

shall be binding upon BellSouth and Navigator specifically or upon all carriers generally, such as a generic cost proceeding.

**31. Survival**

The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement.

**32. Establishment of Service**

If BellSouth is informed that an unauthorized change in local service to Navigator has occurred, BellSouth will reestablish service with the appropriate local service provider and will assess Navigator as the CLEC initiating the alleged unauthorized change, the appropriate nonrecurring charges, as set forth in Section A4 of the General Subscriber Service Tariff. In accordance with FCC Slamming Liability Rules, the relevant governmental agency will determine if an unauthorized change has occurred. Resolution of all relevant issues shall be handled directly with the authorized CLEC and Navigator.

**33. Entire Agreement**

**33.1** This Agreement means the General Terms and Conditions and the Attachments identified in Section 33.2 below, all of which, when taken together, are intended to constitute one indivisible agreement. This Agreement sets forth the entire understanding and supersedes prior agreements between the Parties relating to the subject matter contained in this Agreement and merges all prior discussions between them. Any orders placed under prior agreements between the Parties shall be governed by the terms of this Agreement. Neither Party shall be bound by any definition, condition, provision, representation, warranty, covenant or promise other than as expressly stated in this Agreement or as is contemporaneously or subsequently set forth in writing and executed by a duly authorized officer or representative of the Party to be bound thereby.

**33.2** This Agreement includes Attachments with provisions for the following:

- Resale
- Network Elements and Other Services
- Network Interconnection
- Collocation
- Access to Numbers and Number Portability
- Pre-Ordering, Ordering, Provisioning, Maintenance and Repair
- Billing
- Rights-of-Way, Conduits and Pole Attachments
- Performance Measurements

BellSouth Disaster Recovery Plan  
Bona Fide Request/New Business Request Process


33.3 The following services are included as options for purchase by Navigator pursuant to the terms and conditions set forth in this Agreement. Navigator may elect to purchase said services by written request to its Account Manager if applicable:

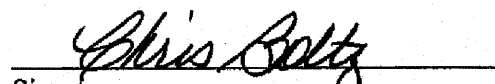
Optional Daily Usage File (ODUF)  
Enhanced Optional Daily Usage File (EODUF)  
Access Daily Usage File (ADUF)  
Line Information Database (LIDB) Storage  
Centralized Message Distribution Service (CMDS)  
Calling Name (CNAM)  
LNP Data Base Query Service

IN WITNESS WHEREOF, the Parties have executed this Agreement the day and year written below.

Navigator Telecommunications, LLC

BellSouth Telecommunications, Inc.

  
Signature

  
Signature

Kenrick LeDoux  
Name

Chris Boltz  
Name

VP Engineering, Chief Technical Officer  
Title

Managing Director  
Title

7-10-02  
Date

7-11-02  
Date

## **Attachment 1**

### **Resale**



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## **RESALE**

- 1. Discount Rates**
  - 1.1 The discount rates applied to Navigator purchases of BellSouth Telecommunications Services for the purpose of resale shall be as set forth in Exhibit E. Such discounts have been determined by the applicable Commission to reflect the costs avoided by BellSouth when selling a service for wholesale purposes.
  - 1.2 The telecommunications services available for purchase by Navigator for the purposes of resale to Navigator's End Users shall be available at BellSouth's tariffed rates less the discount set forth in Exhibit E to this Agreement and subject to the exclusions and limitations set forth in Exhibit A to this Agreement.
- 2. Definition of Terms**
  - 2.1 **COMPETITIVE LOCAL EXCHANGE COMPANY (CLEC)** means a telephone company certificated by the Commission to provide local exchange service within BellSouth's franchised area.
  - 2.2 **CUSTOMER OF RECORD** means the entity responsible for placing application for service; requesting additions, rearrangements, maintenance or discontinuance of service; payment in full of charges incurred such as non-recurring, monthly recurring, toll, directory assistance, etc.
  - 2.3 **DEPOSIT** means assurance provided by a customer in the form of cash, surety bond or bank letter of credit to be held by BellSouth.
  - 2.4 **END USER** means the ultimate user of the Telecommunications Service.
  - 2.5 **END USER CUSTOMER LOCATION** means the physical location of the premises where an End User makes use of the telecommunications services.
  - 2.6 **NEW SERVICES** means functions, features or capabilities that are not currently offered by BellSouth. This includes packaging of existing services or combining a new function, feature or capability with an existing service.
  - 2.7 **RESALE** means an activity wherein a certificated CLEC, such as Navigator, subscribes to the telecommunications services of BellSouth and then offers those telecommunications services to the public.

**3. General Provisions**

- 3.1 All of the negotiated rates, terms and conditions set forth in this Attachment pertain to the resale of BellSouth's retail telecommunications services and other services specified in this Attachment. Subject to effective and applicable FCC and Commission rules and orders, BellSouth shall make available to Navigator for resale those telecommunications services BellSouth makes available, pursuant to its General Subscriber Services Tariff and Private Line Services Tariff, to customers who are not telecommunications carriers.
- 3.1.1 When Navigator provides Resale service in a cross boundary area (areas that are part of the local serving area of another state's exchange) the rates, regulations and discounts for the tariffing state will apply. Billing will be from the serving state.
- 3.1.2 In Tennessee, if Navigator does not resell Lifeline services to any end users, and if Navigator agrees to order an appropriate Operator Services/Directory Services block as set forth in BellSouth's General Subscriber Services Tariff, the discount shall be 21.56%.
- 3.1.2.1 In the event Navigator resells Lifeline service to any end user in Tennessee, BellSouth will begin applying the 16% discount rate to all services. Upon Navigator and BellSouth's implementation of a billing arrangement whereby a separate Master Account (Q-account) associated with a separate Operating Customer Number (OCN) is established for billing of Lifeline service end users, the discount shall be applied as set forth in 3.1.2 preceding for the non-Lifeline affected Master Account (Q-account).
- 3.1.2.2 <customer\_name>> must provide written notification to BellSouth within 30 days prior to providing its own operator services/directory services or orders the appropriate operator services/directory assistance blocking, to qualify for the higher discount rate of 21.56%.
- 3.2 Navigator may purchase resale services from BellSouth for their own use in operating their business. The resale discount will apply to those services under the following conditions:
- 3.2.1 Navigator must resell services to other End Users.
- 3.2.2 Navigator cannot be a competitive local exchange telecommunications company for the single purpose of selling to themselves.
- 3.3 Navigator will be the customer of record for all services purchased from BellSouth. Except as specified herein, BellSouth will take orders from, bill and receive payment from Navigator for said services.
- 3.4 Navigator will be BellSouth's single point of contact for all services purchased pursuant to this Agreement. BellSouth shall have no contact with the End User

except to the extent provided for herein. Each Party shall provide to the other a nation wide (50 states) toll-free contact number for purposes of repair and maintenance.

- 3.5 BellSouth will continue to bill the End User for any services that the End User specifies it wishes to receive directly from BellSouth. BellSouth maintains the right to serve directly any End User within the service area of Navigator. BellSouth will continue to market directly its own telecommunications products and services and in doing so may establish independent relationships with End Users of Navigator. Neither Party shall interfere with the right of any person or entity to obtain service directly from the other Party.
- 3.5.1 When a subscriber of Navigator or BellSouth elects to change his/her carrier to the other Party, both Parties agree to release the subscriber's service to the other Party concurrent with the due date of the service order, which shall be established based on the standard interval for the subscriber's requested service as set forth in the BellSouth Product and Services Interval Guide.
- 3.5.2 BellSouth and Navigator will refrain from contacting subscribers who have placed or whose selected carrier has placed on their behalf an order to change his/her service provider from BellSouth or Navigator to the other Party until such time that the order for service has been completed.
- 3.6 Current telephone numbers may normally be retained by the End User and are assigned to the service furnished. However, neither Party nor the End User has a property right to the telephone number or any other call number designation associated with services furnished by BellSouth, and no right to the continuance of service through any particular central office. BellSouth reserves the right to change such numbers, or the central office designation associated with such numbers, or both, whenever BellSouth deems it necessary to do so in the conduct of its business and in accordance with BellSouth practices and procedures on a nondiscriminatory basis.
- 3.7 Where BellSouth provides local switching or resold services to Navigator, BellSouth will provide Navigator with on line access to intermediate telephone numbers as defined by applicable FCC rules and regulations on a first come first served basis. Navigator acknowledges that such access to numbers shall be in accordance with the appropriate FCC rules and regulations. Navigator acknowledges that there may be instances where there is a shortage of telephone numbers in a particular Common Language Location Identifier Code (CLLIC); and in such instances, Navigator shall return unused intermediate telephone numbers to BellSouth upon BellSouth's request. BellSouth shall make all such requests on a nondiscriminatory basis.
- 3.8 BellSouth will allow Navigator to designate up to 100 intermediate telephone numbers per CLLIC, for Navigator's sole use. Assignment, reservation and use of

telephone numbers shall be governed by applicable FCC rules and regulations. Navigator acknowledges that there may be instances where there is a shortage of telephone numbers in a particular CLLIC and BellSouth has the right to limit access to blocks of intermediate telephone numbers. These instances include: 1) where jeopardy status has been declared by the North American Numbering Plan (NANP) for a particular Numbering Plan Area (NPA); or 2) where a rate center has less than six months supply of numbering resources.

- 3.9 Service is furnished subject to the condition that it will not be used for any unlawful purpose.
- 3.10 Service will be discontinued if any law enforcement agency advises that the service being used is in violation of the law.
- 3.11 BellSouth can refuse service when it has grounds to believe that service will be used in violation of the law.
- 3.12 BellSouth will cooperate with law enforcement agencies with subpoenas and court orders relating to Navigator's End Users, pursuant to Section 6 of the General Terms and Conditions.
- 3.13 If Navigator or its End Users utilize a BellSouth resold telecommunications service in a manner other than that for which the service was originally intended as described in BellSouth's retail tariffs, Navigator has the responsibility to notify BellSouth. BellSouth will only provision and maintain said service consistent with the terms and conditions of the tariff describing said service.
- 3.14 Facilities and/or equipment utilized by BellSouth to provide service to Navigator remain the property of BellSouth.
- 3.15 White page directory listings for Navigator End Users will be provided in accordance with Section 5 of the General Terms and Conditions.
- 3.16 Service Ordering and Operational Support Systems (OSS)
  - 3.16.1 Navigator must order services through resale interfaces, i.e., the Local Carrier Service Center (LCSC) and/or appropriate Complex Resale Support Group (CRSG) pursuant to this Agreement. BellSouth has developed and made available interactive interfaces by which Navigator may submit LSRs electronically as set forth in Attachment 6 of this Agreement. Service orders will be in a standard format designated by BellSouth.
  - 3.16.2 LSRs submitted by means of one of these interactive interfaces will incur an OSS electronic charge as set forth in Exhibit E to this Agreement. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (Mail, fax, courier, etc.) will incur a manual order charge as set forth in Exhibit E to this

Agreement. Supplements or clarifications to a previously billed LSR will not incur another OSS charge.

- 3.16.3 Denial/Restoral OSS Charge. In the event Navigator provides a list of customers to be denied and restored, rather than an LSR, each location on the list will require a separate PON and therefore will be billed as one LSR per location.
- 3.16.4 Cancellation OSS Charge. Navigator will incur an OSS charge for an accepted LSR that is later canceled.
- 3.17 Where available to BellSouth's End Users, BellSouth shall provide the following telecommunications services at a discount to allow for voice mail services:
- Message Waiting Indicator ("MWI"), stutter dialtone and message waiting light feature capabilities
  - Call Forward Busy Line ("CF/B")
  - Call Forward Don't Answer ("CF/DA")
- Further, BellSouth messaging services set forth in BellSouth's Messaging Service Information Package shall be made available for resale without the wholesale discount.
- 3.19 BellSouth shall provide branding for, or shall unbrand, voice mail services for Navigator per the Bona Fide Request/New Business Request process as set forth in Section 11 of the General Terms and Conditions.
- 3.20 BellSouth's Inside Wire Maintenance Service Plan is available for resale at rates, terms and conditions as set forth by BellSouth and without the wholesale discount.
- 3.21 In the event Navigator acquires an end user whose service is provided pursuant to a BellSouth Special Assembly, BellSouth shall make available to Navigator that Special Assembly at the wholesale discount at Navigator's option. Navigator shall be responsible for all terms and conditions of such Special Assembly including but not limited to termination liability if applicable.
- 3.22 BellSouth shall provide 911/E911 for Navigator customers in the same manner that it is provided to BellSouth customers. BellSouth shall provide and validate Navigator customer information to the PSAP. BellSouth shall use its service order process to update and maintain, on the same schedule that it uses for its customers, the Navigator customer service information in the ALI/DMS (Automatic Location Identification/Location Information) databases used to support 911/E911 services.
- 3.23 BellSouth shall bill, and Navigator shall pay, the End User line charge associated with implementing Number Portability as set forth in BellSouth's FCC No. 1 tariff. This charge is not subject to the wholesale discount.

- 3.24 Pursuant to 47 CFR Section 51.617, BellSouth will bill to Navigator, and Navigator shall pay, End User common line charges identical to the End User common line charges BellSouth bills its End Users.
4. **BellSouth's Provision of Services to Navigator**
- 4.1 Resale of BellSouth services shall be as follows:
- 4.1.1 The resale of telecommunications services shall be limited to users and uses conforming to the class of service restrictions.
- 4.1.2 Hotel and Hospital PBX services are the only telecommunications services available for resale to Hotel/Motel and Hospital End Users, respectively. Similarly, Access Line Service for Customer Provided Coin Telephones is the only local service available for resale to Payphone Service Provider (PSP) customers. Shared Tenant Service customers can only be sold those local exchange access services available in BellSouth's A23 Shared Tenant Service Tariff in the states of Florida, Georgia, North Carolina and South Carolina, and in A27 in the states of Alabama, Kentucky, Louisiana, Mississippi and Tennessee.
- 4.1.3 BellSouth reserves the right to periodically audit services purchased by Navigator to establish authenticity of use. Such audit shall not occur more than once in a calendar year. Navigator shall make any and all records and data available to BellSouth or BellSouth's auditors on a reasonable basis. BellSouth shall bear the cost of said audit. Any information provided by Navigator for purposes of such audit shall be deemed Confidential Information pursuant to the General Terms and Conditions of this Agreement.
- 4.2 Subject to Exhibit A hereto, resold services can only be used in the same manner as specified in BellSouth's Tariffs. Resold services are subject to the same terms and conditions as are specified for such services when furnished to an individual End User of BellSouth in the appropriate section of BellSouth's Tariffs. Specific tariff features (e.g. a usage allowance per month) shall not be aggregated across multiple resold services.
- 4.3 Navigator may resell services only within the specific service area as defined in its certificate of operation approved by the Commission.
- 4.4 If Navigator cancels an order for resold services, any costs incurred by BellSouth in conjunction with provisioning of such order will be recovered in accordance with BellSouth's General Subscriber Services Tariffs and Private Line Services Tariffs.

**5. Maintenance of Services**

- 5.1 Services resold pursuant to this Attachment and BellSouth's General Subscriber Service Tariff and Private Line Service Tariff and facilities and equipment provided by BellSouth shall be maintained by BellSouth.
- 5.2 Navigator or its End Users may not rearrange, move, disconnect, remove or attempt to repair any facilities owned by BellSouth except with the written consent of BellSouth.
- 5.3 Navigator accepts responsibility to notify BellSouth of situations that arise that may result in a service problem.
- 5.4 Navigator will contact the appropriate repair centers in accordance with procedures established by BellSouth.
- 5.5 For all repair requests, Navigator shall adhere to BellSouth's prescreening guidelines prior to referring the trouble to BellSouth.
- 5.6 BellSouth will bill Navigator for handling troubles that are found not to be in BellSouth's network pursuant to its standard time and material charges. The standard time and material charges will be no more than what BellSouth charges to its retail customers for the same services.
- 5.7 BellSouth reserves the right to contact Navigator's End Users, if deemed necessary, for maintenance purposes.

**6. Establishment of Service**

- 6.1 After receiving certification as a local exchange company from the appropriate regulatory agency, Navigator will provide the appropriate BellSouth service center the necessary documentation to enable BellSouth to establish a master account for Navigator's resold services. Such documentation shall include the Application for Master Account, proof of authority to provide telecommunications services, an Operating Company Number ("OCN") assigned by the National Exchange Carriers Association ("NECA") and a tax exemption certificate, if applicable.
- 6.2 BellSouth will accept a request directly from the End User for conversion of the End User's service from Navigator to BellSouth or will accept a request from another CLEC for conversion of the End User's service from Navigator to such other CLEC. Upon completion of the conversion BellSouth will notify Navigator that such conversion has been completed.

**7. Discontinuance of Service**

- 7.1 The procedures for discontinuing service to an End User are as follows:



- 7.1.1 BellSouth will deny service to Navigator's End User on behalf of, and at the request of, Navigator. Upon restoration of the End User's service, restoral charges will apply and will be the responsibility of Navigator.
- 7.1.2 At the request of Navigator, BellSouth will disconnect a Navigator End User customer.
- 7.1.3 All requests by Navigator for denial or disconnection of an End User for nonpayment must be in writing.
- 7.1.4 Navigator will be made solely responsible for notifying the End User of the proposed disconnection of the service.
- 7.1.5 BellSouth will continue to process calls made to the Annoyance Call Center and will advise Navigator when it is determined that annoyance calls are originated from one of its End User's locations. BellSouth shall be indemnified, defended and held harmless by Navigator and/or the End User against any claim, loss or damage arising from providing this information to Navigator. It is the responsibility of Navigator to take the corrective action necessary with its End Users who make annoying calls. (Failure to do so will result in BellSouth's disconnecting the End User's service.)

**8.0 Operator Services (Operator Call Processing and Directory Assistance)**

- 8.1 Operator Services provides: (1) operator handling for call completion (for example, collect, third number billing, and manual calling-card calls). (2) operator or automated assistance for billing after the end user has dialed the called number (for example, calling card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call and Operator-assisted Directory Assistance.
- 8.2 Upon request for BellSouth Operator Call Processing, BellSouth shall:
  - 8.2.1 Process 0+ and 0- dialed local calls
  - 8.2.2 Process 0+ and 0- intraLATA toll calls.
  - 8.2.3 Process calls that are billed to Navigator end user's calling card that can be validated by BellSouth.
  - 8.2.4 Process person-to-person calls.
  - 8.2.5 Process collect calls.
  - 8.2.6 Provide the capability for callers to bill a third party and shall also process such calls.

- 8.2.7 Process station-to-station calls.
- 8.2.8 Process Busy Line Verify and Emergency Line Interrupt requests.
- 8.2.9 Process emergency call trace originated by Public Safety Answering Points.
- 8.2.10 Process operator-assisted directory assistance calls.
- 8.2.11 Adhere to equal access requirements, providing Navigator local end users the same IXC access that BellSouth provides its own operator service.
- 8.2.12 Exercise at least the same level of fraud control in providing Operator Service to Navigator that BellSouth provides for its own operator service.
- 8.2.13 Perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-To-Third-Party calls.
- 8.2.14 Direct customer account and other similar inquiries to the customer service center designated by Navigator.
- 8.2.15 Provide call records to Navigator in accordance with ODUF standards.
- 8.2.16 The interface requirements shall conform to the interface specifications for the platform used to provide Operator Services as long as the interface conforms to industry standards.
- 8.3 Directory Assistance Service
  - 8.3.1 Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the caller's direction separate and distinct from local switching.
  - 8.3.2 Directory Assistance Service shall provide up to two listing requests per call, if available and if requested by Navigator's end user. BellSouth shall provide caller-optional directory assistance call completion service at rates contained in Exhibit E to one of the provided listings.
  - 8.3.3 Directory Assistance Service Updates
    - 8.3.3.1 BellSouth shall update end user listings changes daily. These changes include:
      - 8.3.3.1.1 New end user connections
      - 8.3.3.1.2 End user disconnections
      - 8.3.3.1.3 End user address changes

- 8.3.3.2 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

8.4 Branding for Operator Call Processing and Directory Assistance

- 8.4.1 BellSouth's branding feature provides a definable announcement to Navigator end users using Directory Assistance (DA)/ Operator Call Processing (OCP) prior to placing such end users in queue or connecting them to an available operator or automated operator system. This feature allows Navigator's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for the branding features are set forth in Exhibit E.
- 8.4.2 BellSouth offers three branding offering option to Navigator when ordering BellSouth's Directory Assistance and Operator Call Processing: BellSouth Branding, Unbranding and Custom Branding.
- 8.4.3 Upon receipt of the branding order from Navigator, the order is considered firm after ten (10) business days. Should Navigator decide to cancel the order, written notification to Navigator's BellSouth Account Executive is required. If Navigator decides to cancel after ten (10) business days from receipt of the branding order, Navigator shall pay all charges per the order.
- 8.4.4 Selective Call Routing using Line Class Codes (SCR-LCC)
- 8.4.4.1 Where Navigator resells BellSouth's services and utilizes an operator services provider other than BellSouth, BellSouth will route Navigator's end user calls to that provider through Selective Call Routing.
- 8.4.4.2 Selective Call Routing using Line Class Codes (SCR-LCC) provides the capability for Navigator to have its OCP/DA calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA. SCR-LCC is only available if line class code capacity is available in the requested BellSouth end office switches.
- 8.4.4.3 Custom Branding for Directory Assistance is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service and certain PBX services.
- 8.4.4.4 Where available, Navigator specific and unique line class codes are programmed in each BellSouth end office switch where Navigator intends to service end users with customized OCP/DA branding. The line class codes specifically identify Navigator's end users so OCP/DA calls can be routed over the appropriate trunk group to the request OCP/DA platform. Additional line class codes are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is

required per NPA), and/or if the end office switch serves multiple rate areas and Navigator intends to provide Navigator-branded OCP/DA to its end users in these multiple rate areas.

- 8.4.4.5 SCR-LCC supporting Custom Branding and Self Branding require Navigator to order dedicated transport and trunking from each BellSouth end office identified by Navigator, either to the BellSouth Traffic Operator Position System (TOPS) for Custom Branding or to the Navigator Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for Directory Assistance. Rates for transport and trunks are as set forth in applicable BellSouth Tariffs.
- 8.4.4.6 The rates for SCR-LCC are as set forth in Exhibit E of this Attachment. There is a nonrecurring charge for the establishment of each Line Class Code in each BellSouth central office.
- 8.4.4.7 Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by Navigator to the BellSouth Tops. The calls are routed to "No Announcement."
- 8.4.5 Branding via Originating Line Number Screening (OLNS)
  - 8.4.5.1 BellSouth Branding, Unbranding and Custom Branding are also available for Directory Assistance, Operator Call Processing or both via OLNS software. When utilizing this method of Unbranding or Custom Branding, Navigator shall not be required to purchase direct trunking.
  - 8.4.5.2 For Bellsouth to provide Unbranding or Custom Branding via OLNS software for Operator Call Processing or for Directory Assistance, Navigator must have its Operating Company Number ("OCN(s)") and telephone numbers reside in BellSouth's LIDB; however, a BellSouth LIDB Storage Agreement is not required. To implement Unbranding and Custom Branding via OLNS software, Navigator must submit a manual order form which requires, among other things, Navigator's OCN and a forecast for the traffic volume anticipated for each BellSouth TOPS during the peak busy hour. Navigator shall provide updates to such forecast on a quarterly basis and at any time such forecasted traffic volumes are expected to change significantly. Upon Navigator's purchase of Unbranding or Custom Branding using OLNS software for any particular TOPS, all Navigator end users served by that TOPS will receive the Unbranded "no announcement" or the Custom Branded announcement.
  - 8.4.5.3 Rates for Unbranding and Custom Branding via OLNS software for Directory Assistance and for Operator Call Processing are as set forth in Exhibit E of this Attachment. Notwithstanding anything to the contrary in this Agreement, to the

extent BellSouth is unable to bill Navigator applicable charges currently, BellSouth shall track such charges and will bill the same retroactively at such time as a billing process is implemented. In addition to the charges for Unbranding and Custom Branding via OLNS software, Navigator shall continue to pay BellSouth applicable labor and other charges for the use of BellSouth's Directory Assistance and Operator Call Processing platforms as set forth in Exhibit E of this Attachment.

8.4.5.4 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch and Network Applications Vehicles (NAV) equipment for which Navigator requires service.

8.4.5.5 Directory Assistance customized branding uses:

8.4.5.5.1 the recording of Navigator

8.4.5.5.2 the loading on the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.

8.4.5.6 Operator Call Processing customized branding uses:

8.4.5.6.1 the recording of Navigator

8.4.5.6.2 the loading on the DRAM in the TOPS Switch (North Carolina)

8.4.5.6.3 the loading on the Network Applications Vehicle (NAV). All NAV shelves within the region where the customer is offering service must be loaded.

## 9. **Line Information Database (LIDB)**

9.1 BellSouth will store in its Line Information Database (LIDB) records relating to service only in the BellSouth region. The LIDB Storage Agreement is included in this Attachment as Exhibit B.

9.2 BellSouth will provide LIDB Storage upon written request to Navigator's Account Manager stating a requested activation date.

## 10. **RAO Hosting**

10.1 RAO Hosting is not required for resale in the BellSouth region.

## 11. **Optional Daily Usage File (ODUF)**

11.1 The Optional Daily Usage File (ODUF) Agreement with terms and conditions is included in this Attachment as Exhibit C. Rates for ODUF are as set forth in Attachment 7 of this Agreement.

11.2 BellSouth will provide ODUF service upon written request to its Account Manager stating a requested activation date.

**12. Enhanced Optional Daily Usage File (EODUF)**

12.1 The Enhanced Optional Daily Usage File (EODUF) service Agreement with terms and conditions is included in this Attachment as Exhibit D. Rates for EODUF are as set forth in Attachment 7 of this Agreement.

12.2 BellSouth will provide EODUF service upon written request to its Account Manager stating a requested activation date.

# EXCLUSIONS AND LIMITATIONS ON SERVICES AVAILABLE FOR RESALE (Note 5)

Type of Service	AL		FL		GA		KY		LA		MS		NC		SC		TN	
	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount	Resale	Discount
1 Grandfathered Services (Note 1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2 Promotions - > 90 Days (Note 2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3 Promotions - ≤ 90 Days (Note 2)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
4 Lifeline/Link Up Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Note 4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5 911/E911 Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6 N11 Services	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes
7 MemoryCall® Service	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes
8 Mobile Services	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
9 Federal Subscriber Line Charges	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
10 Non-Recur Charges	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
11 End User Line Chg-Number Portability	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
12 Public Telephone Access Svc(PTAS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13 Inside Wire Maint Service Plan	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
<b>Applicable Notes:</b>																		
1.	Grandfathered services can be resold only to existing subscribers of the grandfathered service.																	
2.	Where available for resale, promotions will be made available only to End Users who would have qualified for the promotion had it been provided by BellSouth directly.																	
3.	In Tennessee, long-term promotions (offered for more than ninety (90) days) may be obtained at one of the following rates: (a) the stated tariff rate, less the wholesale discount; (b) the promotional rate (the promotional rate offered by BellSouth will not be discounted further by the wholesale discount rate)																	
4.	Lifeline/Link Up services may be offered only to those subscribers who meet the criteria that BellSouth currently applies to subscribers of these services as set forth in Sections A3 and A4 of the BellSouth General Subscriber Services Tariff.																	
5.	Some of BellSouth's local exchange and toll telecommunications services are not available in certain central offices and areas.																	

## LINE INFORMATION DATA BASE (LIDB)

### RESALE STORAGE AGREEMENT

#### I. Definitions (from Addendum)

- A. Billing number - a number used by BellSouth for the purpose of identifying an account liable for charges. This number may be a line or a special billing number.
- B. Line number - a ten-digit number assigned by BellSouth that identifies a telephone line associated with a resold local exchange service, or with a SPNP arrangement.
- C. Special billing number - a ten-digit number that identifies a billing account established by BellSouth in connection with a resold local exchange service or with a SPNP arrangement.
- D. Calling Card number - a billing number plus PIN number assigned by BellSouth.
- E. PIN number - a four-digit security code assigned by BellSouth that is added to a billing number to compose a fourteen-digit calling card number.
- F. Toll billing exception indicator - associated with a billing number to indicate that it is considered invalid for billing of collect calls or third number calls or both, by Navigator.
- G. Billed Number Screening - refers to the activity of determining whether a toll billing exception indicator is present for a particular billing number.
- H. Calling Card Validation - refers to the activity of determining whether a particular calling card number exists as stated or otherwise provided by a caller.
- I. Billing number information - information about billing number or Calling Card number as assigned by BellSouth and toll billing exception indicator provided to BellSouth by Navigator.

#### II. General

- A. This Agreement sets forth the terms and conditions pursuant to which BellSouth agrees to store in its LIDB certain information at the request of Navigator and pursuant to which BellSouth, its LIDB customers and Navigator shall have access to such information. In addition, this Agreement sets forth the terms and conditions for Navigator's provision of billing number information to BellSouth for inclusion in



BellSouth's LIDB. Navigator understands that BellSouth provides access to information in its LIDB to various telecommunications service providers pursuant to applicable tariffs and agrees that information stored at the request of Navigator, pursuant to this Agreement, shall be available to those telecommunications service providers. The terms and conditions contained herein shall hereby be made a part of this Interconnection/Resale Agreement upon notice to Navigator's account team and/or Local Contract Manager to activate this LIDB Storage Agreement. The General Terms and Conditions of the Interconnection/Resale Agreement shall govern this LIDB Storage Agreement. The terms and conditions contained in the attached Addendum are hereby made a part of this LIDB Storage Agreement as if fully incorporated herein.

**B. BellSouth will provide responses to on-line, call-by-call queries to billing number information for the following purposes:**

**1. Billed Number Screening**

BellSouth is authorized to use the billing number information to determine whether Navigator has identified the billing number as one that should not be billed for collect or third number calls.

**2. Calling Card Validation**

BellSouth is authorized to validate a 14-digit Calling Card number where the first 10 digits are a line number or special billing number assigned by BellSouth, and where the last four digits (PIN) are a security code assigned by BellSouth.

**3. Fraud Control**

BellSouth will provide seven days per week, 24-hours per day, fraud monitoring on Calling Cards, bill-to-third and collect calls made to numbers in BellSouth's LIDB, provided that such information is included in the LIDB query. BellSouth will establish fraud alert thresholds and will notify Navigator of fraud alerts so that Navigator may take action it deems appropriate.

**III. Responsibilities of the Parties**

**A. BellSouth will administer all data stored in the LIDB, including the data provided by Navigator pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's End User customers. BellSouth shall not be responsible to Navigator for any lost revenue which may result from BellSouth's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BellSouth in its sole discretion from time to time.**

**B. Billing and Collection Customers**

BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearing houses and as such these billing and collection customers ("B&C Customers") query BellSouth's LIDB to determine whether to accept various billing options from End Users. Until such time as BellSouth implements in its LIDB and its supporting systems the means to differentiate Navigator's data from BellSouth's data, the following shall apply:

- (1) Navigator will accept responsibility for telecommunications services billed by BellSouth for its B&C Customers for Navigator's End User accounts which are resident in LIDB pursuant to this Agreement. Navigator authorizes BellSouth to place such charges on Navigator's bill from BellSouth and shall pay all such charges, including, but are not limited to, collect and third number calls.
- (2) Charges for such services shall appear on a separate BellSouth bill page identified with the name of the B&C Customers for which BellSouth is billing the charge.
- (3) Navigator shall have the responsibility to render a billing statement to its End Users for these charges, but Navigator shall pay BellSouth for the charges billed regardless of whether Navigator collects from Navigator's End Users.
- (4) BellSouth shall have no obligation to become involved in any disputes between Navigator and B&C Customers. BellSouth will not issue adjustments for charges billed on behalf of any B&C Customer to Navigator. It shall be the responsibility of Navigator and the B&C Customers to negotiate and arrange for any appropriate adjustments.

#### C. SPNP ARRANGEMENTS

1. BellSouth will include billing number information associated with resold exchange lines or SPNP arrangements in its LIDB. Navigator will request any toll billing exceptions via the Local Service Request (LSR) form used to order resold exchange lines, or the SPNP service request form used to order SPNP arrangements.
2. Under normal operating conditions, BellSouth shall include the billing number information in its LIDB upon completion of the service order establishing either the resold local exchange service or the SPNP arrangement, provided that BellSouth shall not be held responsible for any delay or failure in performance to the extent such delay or failure is caused by circumstances or conditions beyond BellSouth's reasonable control. BellSouth will store in its LIDB an unlimited volume of the working telephone numbers associated with either the resold local exchange lines or the SPNP arrangements. For resold local exchange lines or for SPNP arrangements, BellSouth will issue line-based calling cards only in the name of Navigator. BellSouth will not issue line-based calling cards in the name of Navigator's individual End Users. In the event that Navigator wants to include

calling card numbers assigned by Navigator in the BellSouth LIDB, a separate agreement is required.

**IV. Fees for Service and Taxes**

- A. Navigator will not be charged a fee for storage services provided by BellSouth to Navigator, as described in this LIDB Resale Storage Agreement.
- B. Sales, use and all other taxes (excluding taxes on BellSouth's income) determined by BellSouth or any taxing authority to be due to any federal, state or local taxing jurisdiction with respect to the provision of the service set forth herein will be paid by Navigator in accordance with the tax provisions set forth in the General Terms and Conditions of this Agreement.

**Optional Daily Usage File**

1. Upon written request from Navigator, BellSouth will provide the Optional Daily Usage File (ODUF) service to Navigator pursuant to the terms and conditions set forth in this section.
2. Navigator shall furnish all relevant information required by BellSouth for the provision of the Optional Daily Usage File.
3. The ODUF feed will contain billable messages that were carried over the BellSouth Network and processed in the BellSouth Billing System, but billed to a Navigator customer.

Charges for delivery of the Optional Daily Usage File will appear on Navigator's monthly bills. The charges are as set forth in Exhibit E to this Attachment.

4. The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
5. Messages that error in Navigator's billing system will be the responsibility of Navigator. If, however, Navigator should encounter significant volumes of errored messages that prevent processing by Navigator within its systems, BellSouth will work with Navigator to determine the source of the errors and the appropriate resolution.

6. The following specifications shall apply to the ODUF feed.

6.1 **Usage To Be Transmitted**

- 6.1.1 The following messages recorded by BellSouth will be transmitted to Navigator:

- Message recording for per use/per activation type services (examples: Three Way Calling, Verify, Interrupt, Call Return, etc.)
- Measured billable Local
- Directory Assistance messages
- IntraLATA Toll
- WATS and 800 Service
- N11

- Information Service Provider Messages
- Operator Services Messages
- Operator Services Message Attempted Calls (UNE only)
- Credit/Cancel Records
- Usage for Voice Mail Message Service

6.1.2 Rated Incollects (originated in BellSouth and from other companies) can also be on Optional Daily Usage File. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately.

6.1.3 BellSouth will perform duplicate record checks on records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Navigator.

6.1.4 In the event that Navigator detects a duplicate on Optional Daily Usage File they receive from BellSouth, Navigator will drop the duplicate message (Navigator will not return the duplicate to BellSouth).

## 6.2 Physical File Characteristics

6.2.1 The Optional Daily Usage File will be distributed to Navigator via an agreed medium with CONNECT:Direct being the preferred transport method. The ODUF feed will be a variable block format (2476) with an LRECL of 2472. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays). Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one dataset per workday per OCN.

6.2.2 Data circuits (private line or dial-up) will be required between BellSouth and Navigator for the purpose of data transmission. Where a dedicated line is required, Navigator will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Navigator will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Navigator. Additionally, all message toll charges associated with the use of the dial circuit by Navigator will be the responsibility of Navigator. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Navigator end for the purpose of data transmission will be the responsibility of Navigator.

6.3 Packing Specifications

6.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

6.3.2 The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Navigator which BellSouth RAO is sending the message. BellSouth and Navigator will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by Navigator and resend the data as appropriate.

**THE DATA WILL BE PACKED USING ATIS EMI RECORDS.**

6.4 Pack Rejection

6.4.1 Navigator will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (i.e. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI Error Codes will be used. Navigator will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Navigator by BellSouth.

6.5 Control Data

Navigator will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate Navigator received the pack and the acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by Navigator for reasons stated in the above section.

6.6 Testing

6.6.1 Upon request from Navigator, BellSouth shall send test files to Navigator for the Optional Daily Usage File. The Parties agree to review and discuss the file's content and/or format. For testing of usage results, BellSouth shall request that Navigator set up a production (LIVE) file. The live test may consist of Navigator's employees making test calls for the types of services Navigator requests on the Optional Daily Usage File. These test calls are logged by Navigator, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within 30 calendar days from the date on which the initial test file was sent.

**Enhanced Optional Daily Usage File**

1. Upon written request from Navigator, BellSouth will provide the Enhanced Optional Daily Usage File (EODUF) service to Navigator pursuant to the terms and conditions set forth in this section. EODUF will only be sent to existing ODUF subscribers who request the EODUF option.
2. Navigator shall furnish all relevant information required by BellSouth for the provision of the Enhanced Optional Daily Usage File.
3. The Enhanced Optional Daily Usage File (EODUF) will provide usage data for local calls originating from resold Flat Rate Business and Residential Lines.
4. Charges for delivery of the Enhanced Optional Daily Usage File will appear on Navigator's monthly bills. The charges are as set forth in Exhibit E to this Attachment.
5. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
6. Messages that error in the billing system of Navigator will be the responsibility of Navigator. If, however, Navigator should encounter significant volumes of errored messages that prevent processing by Navigator within its systems, BellSouth will work with Navigator to determine the source of the errors and the appropriate resolution.
7. The following specifications shall apply to the ODUF feed.
  - 7.1 **Usage To Be Transmitted**
    - 7.1.1 The following messages recorded by BellSouth will be transmitted to Navigator:  
Customer usage data for flat rated local call originating from Navigator's End User lines (1FB or 1FR). The EODUF record for flat rate messages will include:
      - Date of Call
      - From Number
      - To Number
      - Connect Time
      - Conversation Time

Method of Recording

From RAO

Rate Class

Message Type

Billing Indicators

Bill to Number

7.1.2 BellSouth will perform duplicate record checks on EODUF records processed to Optional Daily Usage File. Any duplicate messages detected will be deleted and not sent to Navigator.

7.1.3 In the event that Navigator detects a duplicate on Enhanced Optional Daily Usage File they receive from BellSouth, Navigator will drop the duplicate message (Navigator will not return the duplicate to BellSouth).

7.2 Physical File Characteristics

7.2.1 The EODUF feed will be distributed to Navigator over their existing Optional Daily Usage File (ODUF) feed. The EODUF messages will be intermingled among Navigator's Optional Daily Usage File (ODUF) messages. The EODUF will be a variable block format (2476) with an LRECL of 2472. The data on the EODUF will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis (Monday through Friday except holidays).

7.2.2 Data circuits (private line or dial-up) may be required between BellSouth and Navigator for the purpose of data transmission. Where a dedicated line is required, Navigator will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Navigator will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Navigator. Additionally, all message toll charges associated with the use of the dial circuit by Navigator will be the responsibility of Navigator. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Navigator's end for the purpose of data transmission will be the responsibility of Navigator.



7.3 Packing Specifications

7.3.1 A pack will contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of 99 packs and a minimum of one pack.

7.3.2 The Operating Company Number (OCN), From Revenue Accounting Office (RAO), and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Navigator which BellSouth RAO is sending the message. BellSouth and Navigator will use the invoice sequencing to control data exchange. BellSouth will be notified of sequence failures identified by Navigator and resend the data as appropriate.

**THE DATA WILL BE PACKED USING ATIS EMI RECORDS.**

Version 1Q02: 2/20/02

# RESALE DISCOUNTS AND RATES

	ALABAMA	FLORIDA	GEORGIA	KENTUCKY	LOUISIANA	MISSISSIPPI	NORTH CAROLINA	SOUTH CAROLINA	TENNESSEE
<b>CUSTOMER BRANDING AND OPERATOR ASSISTANCE - OCN</b>									
Loading of DA per OCN (1 OCN per Order)	\$420.00	\$420.00	\$420.00	\$420.00	\$420.00	\$420.00	\$420.00	\$420.00	\$420.00
Loading of DA per Switch, per OCN	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
<b>OPERATOR ASSISTANCE - OCN</b>									
<b>ELEMENT</b>									
Recording of OA CBA	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
Loading of OA CBA per shelf/NAV per OCN	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
Loading of DA CBA per DRAM Card/Switch per OCN	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00	\$1,170.00
<b>OPERATOR ASSISTANCE - OCN - BRANDING</b>									
Loading of OA per OCN - Regional	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00

## **Attachment 2**

### **Network Elements and Other Services**

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## **ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES**

### **1 Introduction**

1.1 This Attachment sets forth rates, terms and conditions for Network Elements and combinations of Network Elements that BellSouth agrees to offer to Navigator in accordance with its obligations under Section 251(c)(3) of the Act. Additionally, this Attachment sets forth the rates, terms and conditions for other services BellSouth makes available to Navigator. The price for each Network Element and combination of Network Elements and other services are set forth in Exhibit B of this Agreement. Additionally, the provision of a particular Network Element or service may require Navigator to purchase other Network Elements or services.

1.2 For purposes of this Agreement, "Network Element" is defined to mean a facility or equipment Navigator used in the provision of a telecommunications service. For purposes of this Agreement, combinations of Network Elements shall be referred to as "Combinations."

1.3 BellSouth shall, upon request of Navigator, and to the extent technically feasible, provide to Navigator access to its Network Elements for the provision of Navigator's telecommunications services. If no rate is identified in this Agreement, the rate for the specific service or function will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.

1.4 Navigator may purchase Network Elements and other services from BellSouth for the purpose of combining such network elements in any manner Navigator chooses to provide telecommunication services to its intended users, including recreating existing BellSouth services. With the exception of the sub-loop Network Elements which are located outside of the central office, BellSouth shall deliver the Network Elements purchased by Navigator to the demarcation point associated with Navigator's collocation arrangement.

1.5 BellSouth shall comply with the requirements as set forth in the technical references within this Attachment 2.

### **1.6 Rates**

1.6.1 The prices that Navigator shall pay to BellSouth for Network Elements and Other Services are set forth in Exhibit B to this Attachment. If Navigator purchases a service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply.

1.6.2 Rates, terms and conditions for order cancellation charges and Service Date Advancement Charges will apply in accordance with Attachment 6 and are incorporated herein by this reference.

- 1.6.3 If Navigator modifies an order (Order Modification Charge (OMC)) after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be paid by Navigator in accordance with FCC No. 1 Tariff, Section 5.
- 1.6.4 A one-month minimum billing period shall apply to all UNE conversions or new installations.
- 2 Unbundled Loops**
- 2.1 General
- 2.1.1 The local loop Network Element ("Loop") is defined as a transmission facility between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an end-user customer premises, including inside wire owned by BellSouth. The local loop Network Element includes all features, functions, and capabilities of the transmission facilities, including dark fiber and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers) and line conditioning.
- 2.1.2 The provisioning of a Loop to Navigator's collocation space will require cross-office cabling and cross-connections within the central office to connect the Loop to a local switch or to other transmission equipment. These cross-connects are separate components, that are not considered a part of the Loop, and thus, have a separate charge.
- 2.1.3 To the extent available within BellSouth's network at a particular location, BellSouth will offer Loops capable of supporting telecommunications services. If a requested loop type is not available, and cannot be made available through BellSouth's Unbundled Loop Modification process, then Navigator can use the Special Construction process to request that BellSouth place facilities in order to meet Navigator's loop requirements. Standard Loop intervals shall not apply to the Special Construction process.
- 2.1.4 Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>. For orders of 15 or more Loops, the installation and any applicable Order Coordination as described below will be handled on a project basis, and the intervals will be set by the BellSouth project manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.
- 2.1.5 The Loop shall be provided to Navigator in accordance with BellSouth's TR73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references.

- 2.1.6 Navigator may utilize the unbundled Loops to provide any telecommunications service it wishes, so long as such services are consistent with industry standards and BellSouth's TR73600.
- 2.1.7 BellSouth will only provision, maintain and repair the Loops to the standards that are consistent with the type of Loop ordered. In those cases where Navigator has requested that BellSouth modify a Loop so that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ISDN, ADSL, etc.) the resulting Loop will be maintained as an unbundled copper Loop (UCL), and Navigator shall pay the recurring and non-recurring charges for a UCL. For non-service specific loops (e.g. UCL, Loops modified by Navigator using the Unbundled Loop Modification (ULM) process), BellSouth will only support that the Loop has copper continuity and balanced tip-and-ring.
- 2.1.8 **Loop Testing/Trouble Reporting**
- 2.1.8.1 Navigator will be responsible for testing and isolating troubles on the Loops. Navigator must test and isolate trouble to the BellSouth portion of a designed/non-designed unbundled loop (e.g., UCL-SL2, UCL-D, UCL-SL1, UCL-ND, etc.) before reporting repair to the UNE Center. At the time of the trouble report, Navigator will be required to provide the results of the Navigator test which indicate a problem on the BellSouth provided loop.
- 2.1.8.2 Once Navigator has isolated a trouble to the BellSouth provided Loop, and had issued a trouble report to BellSouth on the Loop, BellSouth will take the actions necessary to repair the Loop if a trouble actually exists. BellSouth will repair these Loops in the same time frames that BellSouth repairs similarly situated Loops to its end users.
- 2.1.8.3 If Navigator reports a trouble on a non-designed loop (e.g., UCL-SL1, UCL-ND, etc.) and no trouble actually exists, BellSouth will charge Navigator for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the loop's working status. If Navigator reports trouble on a designed loop and no trouble is found, BellSouth will charge Navigator for any dispatch and testing outside the central office.
- 2.1.9 **Order Coordination and Order Coordination-Time Specific**
- 2.1.9.1 "Order Coordination" (OC) allows BellSouth and Navigator to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to Navigator's facilities to limit end user service outage. OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the end user. OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date. OC shall be provided in accordance with the chart set forth below.



2.1.9.2 “Order Coordination – Time Specific” (OC-TS) allows Navigator to order a specific time for OC to take place. BellSouth will make every effort to accommodate Navigator’s specific conversion time request. However, BellSouth reserves the right to negotiate with Navigator a conversion time based on load and appointment control when necessary. This OC-TS is a chargeable option for all Loops except Unbundled Copper Loops (UCL) and Universal Digital Channel (UDC), and is billed in addition to the OC charge. Navigator may specify a time between 9:00 a.m. and 4:00 p.m. (location time) Monday through Friday (excluding holidays). If Navigator specifies a time outside this window, or selects a time or quantity of Loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied based on the amount of overtime worked and in accordance with the rates established in the Access Services Tariff, Section E13.2, for each state. The OC-TS charges for an order due on the same day at the same location will be applied on a per Local Service Request (LSR) basis.

2.1.10 **CLEC to CLEC Conversions for Unbundled Loops**

- 2.1.10.1 The CLEC to CLEC conversion process for unbundled Loops may be used by Navigator when converting an existing unbundled Loop from another CLEC for the same end user. The Loop type being converted must be included in Navigator’s Interconnection Agreement before requesting a conversion.
- 2.1.10.2 To utilize the CLEC to CLEC conversion process, the Loop being converted must be the same Loop type with no requested changes to the Loop, must serve the same end user location from the same serving wire center, and must not require an outside dispatch to provision.
- 2.1.10.3 The Loops converted to Navigator pursuant to the CLEC to CLEC conversion process shall be provisioned in the same manner and with the same functionality and options as described in this Attachment for the specific Loop type.

	Order Coordination (OC)	Order Coordination - Time Specific (OC-TS)	Test Points	DLR	Charge for Dispatch and Testing if No Trouble Found
SL-1 (Non-Designed)	Chargeable Option	Chargeable Option	Not available	Chargeable Option - ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
UCL-ND (Non-Designed)	Chargeable Option	Not Available	Not Available	Chargeable Option - ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
Unbundled Voice Loops - SL-2 (including 2- and 4-wire UVL) (Designed)	Included	Chargeable Option	Included	Included	Charged for Dispatch outside Central Office
Unbundled Digital Loop (Designed)	Included	Chargeable Option (except on Universal Digital Channel)	Included (where appropriate)	Included	Charged for Dispatch outside Central Office
Unbundled Copper Loop (Designed)	Chargeable in accordance with Section 2	Not available	Included	Included	Charged for Dispatch outside Central Office
For UVL-SL1 and UCLs, Navigator must order and will be billed for both OC and OC-TS if requesting OC-TS.					

## 2.2 Unbundled Voice Loops (UVLs)

2.2.1 BellSouth shall make available the following UVLs:

2.2.1.1 2-wire Analog Voice Grade Loop - SL1 (Non-Designed)

2.2.1.2 2-wire Analog Voice Grade Loop - SL2 (Designed)

2.2.1.3 4-wire Analog Voice Grade Loop (Designed)

- 2.2.2 Unbundled Voice Loops (UVL) may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber or a combination of any of these facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that Navigator will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two different service levels - Service Level One (SL1) and Service Level Two (SL2).
- 2.2.3 Unbundled Voice Loop - SL1 (UVL-SL1) loops are 2-wire loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 loops when reuse of existing facilities has been requested by Navigator. Navigator may also order OC-TS when a specified conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as chargeable option. The EI document provides loop make up information which is similar to the information normally provided in a Design Layout Record. Upon issuance of a non-coordinated order in the service order system, SL1 loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type loops for its end users.
- 2.2.4 For an additional charge BellSouth will make available Loop Testing so that Navigator may request further testing on UVL-SL1 loops. Loop Testing is available for new and reuse of BellSouth facilities. Rates for Loop Testing are as set forth in Exhibit B of this Attachment.
- 2.2.5 Unbundled Voice Loop - SL2 (UVL-SL2) loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a Design Layout Record provided to Navigator. SL2 circuits can be provisioned with loop start, ground start or reverse battery signaling. OC is provided as a standard feature on SL2 loops. The OC feature will allow Navigator to coordinate the installation of the loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours.
- 2.3 **Unbundled Digital Loops**
- 2.3.1 BellSouth will offer Unbundled Digital Loops (UDL). UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC and a Design Layout Record (DLR). The various UDLs are intended to support a specific digital transmission scheme or service.
- 2.3.2 BellSouth shall make available the following UDLs:

- 2.3.2.1 2-wire Unbundled ISDN Digital Loop
- 2.3.2.2 2-wire Universal Digital Channel (IDSL Compatible)
- 2.3.2.3 2-wire Unbundled ADSL Compatible Loop
- 2.3.2.4 2-wire Unbundled HDSL Compatible Loop
- 2.3.2.5 4-wire Unbundled HDSL Compatible Loop
- 2.3.2.6 4-wire Unbundled DS1 Digital Loop
- 2.3.2.7 4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below
- 2.3.2.8 DS3 Loop
- 2.3.2.9 STS-1 Loop
- 2.3.2.10 OC3 Loop
- 2.3.2.11 OC12 Loop
- 2.3.2.12 OC48 Loop
- 2.3.3 2-Wire Unbundled ISDN Digital Loops will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, Order Coordination, and a DLR. Navigator will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable loop and end user. With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service. BellSouth will not reconfigure its ISDN-capable loop to support IDSL service.
- 2.3.3.1 The Universal Digital Channel (UDC) (also known as IDSL-compatible Loop) is intended to be compatible with IDSL service and has the same physical characteristics and transmission specifications as BellSouth's ISDN-capable loop. These specifications are listed in BellSouth's TR73600.
- 2.3.3.2 The UDC may be provisioned on copper or through a Digital Loop Carrier (DLC) system. When UDC Loops are provisioned using a DLC system, the Loops will be provisioned on time slots that are compatible with data-only services such as IDSL.
- 2.3.4 2-Wire ADSL-Compatible Loop. This is a designed loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18kft long and may have up to 6kft of bridged tap (inclusive of loop length). The loop is a 2-wire circuit and will come standard with a test point, Order Coordination, and a DLR.

- 2.3.5 2-Wire or 4-Wire HDSL-Compatible Loop. This is a designed loop that is provisioned according to Carrier Serving Area (CSA) criteria and may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, Order Coordination, and a DLR.
- 2.3.6 4-Wire Unbundled DS1 Digital Loop. This is a designed 4-wire loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, Order Coordination, and a DLR. A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-Wire DS1 Network Interface at the end-user's location.
- 2.3.7 4-Wire Unbundled Digital/DS0 Loop. These are designed 4-wire loops that may be configured as 64kbps, 56kbps, 19kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, Order Coordination, and a DLR.
- 2.3.8 DS3 Loop. DS3 Loop is a two-point digital transmission path, which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of 44.736 megabits per second (Mbps) that is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- 2.3.9 STS-1 Loop. STS-1 Loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer for the purpose of provisioning local exchange and associated exchange access services. It is a two-point digital transmission path, which provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 51.84 megabits per second (Mbps). It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface.
- 2.3.10 OC3 Loop/OC12 Loop/OC48 Loop. OC3/OC-12/OC-48 Loops are optical two-point transmission paths that are dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services. The physical interface for all optical transport is optical fiber. This interface standard allows for transport of many different digital signals using a basic building block or base transmission rate of 51.84 megabits per second (Mbps). Higher rates are direct multiples of the base rate. The following rates are applicable: OC-3 - 155.52 Mbps; OC12 - 622.08 Mbps; and OC-48 - 2488 Mbps.

- 2.3.11 DS3 and above services come with a test point and a DLR. Mileage is airline miles, rounded up and a minimum of one mile applies. BellSouth TR 73501 LightGate® Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 and above services.
- 2.4 **Unbundled Copper Loops (UCL)**
- 2.4.1 BellSouth shall make available Unbundled Copper Loops (UCLs). The UCL is a copper twisted pair Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters) and is not intended to support any particular telecommunications service. The UCL will be offered in two types – Designed and Non-Designed.
- 2.4.2 **Unbundled Copper Loop – Designed (UCL-D)**
- 2.4.2.1 The UCL-D will be provisioned as a dry copper twisted pair loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters). The UCL-D will be offered in two versions - Short and Long.
- 2.4.2.2 A short UCL-D (18,000 feet or less) is provisioned according to Resistance Design parameters, may have up to 6,000 feet of bridged tap and will have up to 1300 ohms of resistance.
- 2.4.2.3 The long UCL-D (beyond 18,000 feet) is provisioned as a dry copper twisted pair longer than 18,000 feet and may have up to 12,000 feet of bridged tap and up to 2800 ohms of resistance.
- 2.4.2.4 The UCL-D is a designed circuit, is provisioned with a test point, and comes standard with a DLR. OC is a chargeable option for a UCL-D; however, OC is always required on UCLs where a reuse of existing facilities has been requested by Navigator.
- 2.4.2.5 These loops are not intended to support any particular services and may be utilized by Navigator to provide a wide-range of telecommunications services so long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the loop to the customer's inside wire.
- 2.4.2.6 BellSouth will make available the following UCL-Ds:
- 2.4.2.6.1 2-Wire UCL-D/short
- 2.4.2.6.2 2-Wire UCL-D/long
- 2.4.2.6.3 4-Wire UCL-D/short

2.4.2.6.4 4-Wire UCL-D/long

2.4.3 **Unbundled Copper Loop – Non-Designed (UCL-ND)**

2.4.3.1 The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame to a customer's premises (including the NID). The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines ("DAMLs"), and may have up to 6,000 feet of bridged tap between the end user's premises and the serving wire center. The UCL-ND typically will be 1300 Ohms resistance and in most cases will not exceed 18,000 feet in length, although the UCL-ND will not have a specific length limitation. For loops less than 18,000 feet and with less than 1300 Ohms resistance, the loop will provide a voice grade transmission channel suitable for loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point.

2.4.3.2 The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Make Up process is not required to order and provision the UCL-ND. However, Navigator can request Loop Make Up for which additional charges would apply.

2.4.3.3 At an additional charge, BellSouth also will make available Loop Testing so that Navigator may request further testing on the UCL-ND. Rates for Loop Testing are as set forth in Exhibit B of this Attachment.

2.4.3.4 UCL-ND loops are not intended to support any particular service and may be utilized by Navigator to provide a wide-range of telecommunications services so long as those services do not adversely affect BellSouth's network. The UCL-ND will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the loop to the customer's inside wire.

2.4.3.5 Order Coordination (OC) will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities. Order Coordination -Time Specific (OC-TS) does not apply to this product.

2.4.3.6 Navigator may use BellSouth's Unbundled Loop Modification (ULM) offering to remove bridge tap and/or load coils from any loop within the BellSouth network. Therefore, some loops that would not qualify as UCL-ND could be transformed into loops that do qualify, using the ULM process.

2.5 **Unbundled Loop Modifications (Line Conditioning)**

2.5.1 Line Conditioning is defined as the removal from the Loop of any devices that may diminish the capability of the Loop to deliver high-speed switched wireline

telecommunications capability, including xDSL service. Such devices include, but are not limited to, load coils, bridged taps, low pass filters, and range extenders.

2.5.2 BellSouth shall condition Loops, as requested by Navigator, whether or not BellSouth offers advanced services to the End User on that Loop.

2.5.3 In some instances, Navigator will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that Navigator can use the loop for a variety of services by attaching appropriate terminal equipment at the ends. Navigator will determine the type of service that will be provided over the loop. BellSouth's Unbundled Loop Modifications (ULM) process will be used to determine the costs and feasibility of conditioning the loops as requested. Rates for ULM are as set forth in Exhibit B of this Attachment.

2.5.4 In those cases where Navigator has requested that BellSouth modify a Loop so that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ISDN, ADSL, etc.) the resulting modified Loop will be ordered and maintained as a UCL.

2.5.5 The Unbundled Loop Modifications (ULM) offering provides the following elements: 1) removal of devices on 2-wire or 4-wire Loops equal to or less than 18,000 feet; 2) removal of devices on 2-wire or 4-wire Loops longer than 18,000 feet; and 3) removal of bridged-taps on loops of any length.

2.5.6 Navigator shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that Navigator desires BellSouth to condition.

2.6 **Loop Provisioning Involving Integrated Digital Loop Carriers**

2.6.1 Where Navigator has requested an Unbundled Loop and BellSouth uses Integrated Digital Loop Carrier (IDLC) systems to provide the local service to the end user and BellSouth has a suitable alternate facility available, BellSouth will make such alternative facilities available to Navigator. If a suitable alternative facility is not available, then to the extent it is technically feasible, BellSouth will make alternative arrangements available to Navigator (e.g. hairpinning).

2.6.2 BellSouth will select one of the following arrangements:

1. Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises.
2. Roll the circuit(s) from the IDLC to an existing DLC that is not integrated.
3. If capacity exists, provide "side-door" porting through the switch.
4. If capacity exists, provide "DACS-door" porting (if the IDLC routes through a DACS prior to integration into the switch).



2.6.3 Arrangements 3 and 4 above require the use of a designed circuit. Therefore, non-designed loops such as the SL1 voice grade and UCL-ND may not be ordered in these cases.

2.6.4 If no alternate facility is available, BellSouth will utilize its Special Construction (SC) process to determine the additional costs required to provision the loop facilities. Navigator will then have the option of paying the one-time SC rates to place the loop.

2.7 **Network Interface Device (NID)**

2.7.1 The NID is defined as any means of interconnection of end-user customer premises wiring to BellSouth's distribution plant, such as a cross-connect device used for that purpose. The NID is a single-line termination device or that portion of a multiple-line termination device required to terminate a single line or circuit at the premises. The NID features two independent chambers or divisions that separate the service provider's network from the end user's customer-premises wiring. Each chamber or division contains the appropriate connection points or posts to which the service provider and the end user each make their connections. The NID provides a protective ground connection and is capable of terminating cables such as twisted pair cable.

2.7.2 BellSouth shall permit Navigator to connect Navigator's Loop facilities the end-user's customer-premises wiring through the BellSouth NID or at any other technically feasible point.

2.7.3 **Access to NID**

2.7.3.1 Navigator may access the end user's customer-premises wiring by any of the following means and Navigator shall not disturb the existing form of electrical protection and shall maintain the physical integrity of the NID:

2.7.3.1.1 1) BellSouth shall allow Navigator to connect its loops directly to BellSouth's multi-line residential NID enclosures that have additional space and are not used by BellSouth or any other telecommunications carriers to provide service to the premises.

2.7.3.1.2 2) Where an adequate length of the end user's customer premises wiring is present and environmental conditions permit, either Party may remove the customer premises wiring from the other Party's NID and connect such wiring to that Party's own NID;

2.7.3.1.3 3) Enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a connect divisioned or spliced jumper wire from the customer premises wiring through a suitable "punch-out" hole of such NID enclosures; or

- 2.7.3.1.4 4) Request BellSouth to make other rearrangements to the end user customer premises wiring terminations or terminal enclosure on a time and materials cost basis.
- 2.7.3.2 In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party. In such cases, it shall be the responsibility of the Party disconnecting loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID. It will be Navigator's responsibility to ensure there is no safety hazard and will hold BellSouth harmless for any liability associated with the removal of the BellSouth loop from the BellSouth NID. Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code. If no spare station protector exists in the NID, the disconnected loop must be appropriately cleared, capped and stored.
- 2.7.3.3 In no case shall either Party remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors.
- 2.7.3.4 In no case shall either Party remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures.
- 2.7.3.5 Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with Navigator to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question.
- 2.7.4 Technical Requirements
- 2.7.4.1 The NID shall provide an accessible point of interconnection and shall maintain a connection to ground.
- 2.7.4.2 If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the end user's customer premises and the Distribution Media and/or cross connect to Navigator's NID.
- 2.7.4.3 Existing BellSouth NIDS will be provided in "as is" condition. Navigator may request BellSouth do additional work to the NID on a time and material basis. When Navigator deploys its own local loops with respect to multiple-line termination devices, Navigator shall specify the quantity of NIDs connections that it requires within such device.

2.8 **Sub-loop Elements**

- 2.8.1 Where facilities permit, BellSouth shall offer access to its Unbundled Sub-Loop (USL) and Unbundled Sub-loop Concentration (USLC) System.
- 2.8.2 **Unbundled Sub-Loop Distribution**
- 2.8.2.1 The unbundled sub-loop distribution facility is a dedicated transmission facility that BellSouth provides from an end user's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The unbundled sub-loop distribution media is a copper twisted pair that can be provisioned as a 2 Wire or 4 Wire facility. BellSouth will make the following available sub-loop distribution offerings where facilities permit:
- Unbundled Sub-Loop Distribution – Voice Grade
  - Unbundled Copper Sub-Loop
  - Unbundled Sub-Loop Distribution – Intrabuilding Network Cable (aka riser cable)
- 2.8.2.2 Unbundled Sub-Loop Distribution – Voice Grade (USLD-VG) is a sub-loop facility from the cross-box in the field up to and including the point of demarcation, at the end user's premises and may have load coils.
- 2.8.2.3 Unbundled Copper Sub-Loop (UCSL) is a copper facility of any length provided from the cross-box in the field up to and including the end-user's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the end-user and the cross-box.
- 2.8.2.4 If Navigator requests a UCSL and it is not available, Navigator may request the Sub-Loop facility be modified pursuant to the ULM process request to remove load coils and/or bridged taps. If load coils and/or bridged taps are removed, the facility will be classified as a UCSL.
- 2.8.2.5 Unbundled Sub-Loop Distribution – Intrabuilding Network Cable (USLD-INC) is the distribution facility inside a building or between buildings on the same continuous property which is not separated by a public street or road. USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation, at the end user's premises.
- 2.8.2.6 BellSouth will install a cross connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in 25-pair increments for Navigator's use on this cross-connect panel. Navigator will be responsible for connecting its facilities to the 25-pair cross-connect block(s).

- 2.8.2.7 Unbundled Sub-Loop distribution facilities shall support functions associated with provisioning, maintenance and testing of the Unbundled Sub-Loop. For access to Voice Grade USLD and UCSL, Navigator shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in this Agreement. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. Navigator's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- 2.8.2.8 Through the Service Inquiry (SI) process, BellSouth will determine whether access to Unbundled Sub-Loops at the location requested by Navigator is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet Navigator's request, then BellSouth will perform the site set-up as described in Section 2.8.2.9. If any work must be done to modify existing BellSouth facilities or add new facilities (other than adding the cross-connect panel in a building equipment room as noted in Section 2.8.2.9) to accommodate Navigator's request for Unbundled Sub-Loops, Navigator may request BellSouth's Special Construction (SC) process to determine additional costs required to provision the Unbundled Sub-Loops. Navigator will have the option to proceed under the SC process to modify the BellSouth facilities.
- 2.8.2.9 The site set-up must be completed before Navigator can order sub-loop pairs. For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice Navigator's cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs.
- 2.8.2.10 Once the site set-up is complete, Navigator will request sub-loop pairs through submission of a Local Service Request (LSR) form to the Local Carrier Service Center (LCSC). Order Coordination is required with USL pair provisioning when Navigator requests reuse of an existing facility and is in addition to the USL pair rate. For expedite requests by Navigator for sub-loop pairs, expedite charges will apply for intervals less than 5 days.
- 2.8.2.11 Unbundled Sub-Loops will be provided in accordance with technical reference TR73600.
- 2.8.3 **Unbundled Network Terminating Wire (UNTW)**
- 2.8.3.1 Unbundled Network Terminating Wire (UNTW) is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual customer's point of demarcation. It is the final portion of the Loop which in multi-subscriber configurations represents the point at which the network branches out to serve individual subscribers.

- 2.8.3.2 This element will be provided in Multi-Dwelling Units (MDUs) and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the end-users premises. Neither Party will provide this element in those locations where the property owner provides its own wiring to the end-user's premises, where a third party owns the wiring to the end-user's premises or where the property owner will not allow the other Party to place its facilities to the end user.
- 2.8.3.3 Requirements
- 2.8.3.3.1 On a multi-unit premises, upon request of the other Party ("Requesting Party"), the Party owning the network terminating wire ("Provisioning Party") will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet.
- 2.8.3.3.2 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party.
- 2.8.3.3.3 In existing Multi-Dwelling Units (MDUs) and/or Multi-Tenant Units (MTUs) in which BellSouth does not own or control wiring (INC/NTW) to the end users premises, Navigator will install UNTW Access Terminals for BellSouth at no additional charge.
- 2.8.3.3.4 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate Navigator for each pair activated commensurate to the price specified in Navigator's Agreement.
- 2.8.3.3.5 Upon receipt of the UNTW Service Inquiry (SI) requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals. By request of the Requesting Party, an Access Terminal will be installed either adjacent to each Provisioning Party's Garden Terminal or inside each Wiring Closet. Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal. Requesting Party may access any available pair on an Access Terminal. A pair is available when a pair is not being utilized to provide service or where the end user has requested a change in its local service provider to the Requesting Party. Prior to connecting Requesting Party's service on a pair previously used by Provisioning Party, Requesting Party is responsible for ensuring the end-user is no longer using Provisioning Party's service or another CLEC's service before accessing UNTW pairs.
- 2.8.3.3.6 Access Terminal installation intervals will be established on an individual case basis.

- 2.8.3.3.7 Requesting Party is responsible for obtaining the property owner's permission for Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or subsequent to completion and demands removal of Access Terminals, Requesting Party will be responsible for costs associated with removing Access Terminals and restoring property to its original state prior to Access Terminals being installed.
- 2.8.3.3.8 The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. Requesting Party will be billed for non-recurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the Provisioning Party each time it activates UNTW pairs using the LSR form.
- 2.8.3.3.9 Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. Requesting Party must tag the UNTW pair that requires repair. If Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).
- 2.8.3.3.10 If Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least one pair on the Access Terminal installed pursuant to Requesting Party's request for an Access Terminal within 6 months of installation of the Access Terminal, Provisioning Party will bill Requesting Party a non-recurring charge equal to the actual cost of provisioning the Access Terminal.
- 2.8.3.3.11 If Provisioning Party determines that Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the following charges shall apply:
- 2.8.3.3.11.1 If Requesting Party issued a LSR to disconnect an end-user from Provisioning Party in order to use a UNTW pair, Requesting Party will be billed for the use of the pair back to the disconnect order date.
- 2.8.3.3.11.2 If Requesting Party activated a UNTW pair on which Provisioning Party was not previously providing service, Requesting Party will be billed for the use of that pair back to the date the end-user began receiving service using that pair. Upon request, Requesting Party will provide copies of its billing record to substantiate such date. If Requesting Party fails to provide such records, then Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.

2.8.4 **Unbundled Sub-Loop Feeder**

- 2.8.4.1 Unbundled Sub-Loop Feeder (USLF) provides connectivity between BellSouth's central office and cross-box (or other access point) that serves an end user location.
- 2.8.4.2 USLF utilized for voice traffic can be configured as 2-wire voice (USLF-2W/V) or 4-wire voice (USLF-4W/V).
- 2.8.4.3 USLF utilized for digital traffic can be configured as 2-wire ISDN (USLF-2W/I); 2-wire Copper (USLF-2W/C); 4-wire Copper (USLF-4W/C); 4-wire DS0 level loop (USLF-4W/D0); or 4-wire DS1 and ISDN (USLF-4W/DI).
- 2.8.4.4 USLF will provide access to both the equipment and the features in the BellSouth central office and BellSouth cross box necessary to provide a 2W or 4W communications pathway from the BellSouth central office to the BellSouth cross-box. This element will allow for the connection of Navigator's loop distribution elements onto BellSouth's feeder system.
- 2.8.4.5 Requirements
  - 2.8.4.5.1 Navigator will extend a compatible cable to BellSouth's cross-box. BellSouth will connect the cable to a cross-connect panel inside the BellSouth cross-box to the requested level of feeder element. In those cases when there is no room in the BellSouth cross-box to accommodate the additional cross-connect panels mentioned above, Navigator may request, through the BellSouth Special Construction process, a determination of costs to provide the sub-loop feeder element to Navigator. Navigator will then have the option of paying the special construction charges or canceling the order.
  - 2.8.4.5.2 USLF will be a designed circuit and BellSouth will provide a Design Layout Record (DLR) for this element.
  - 2.8.4.5.3 BellSouth will provide USLF elements in accordance with applicable industry standards for these types of facilities. Where industry standards do not exist, BellSouth's TR73600 will be used to determine performance parameters.
- 2.8.4.6 Unbundled Sub-Loop Feeder – (USLF DS3 and above)
  - 2.8.4.6.1 USLF DS3 and above provides connectivity between a BellSouth Serving Wire Center (SWC) and the Remote Terminal (RT) associated with that SWC that serves an end user location.
  - 2.8.4.6.2 The sub-loop feeder is intended to be utilized for voice traffic and digital traffic. It can be configured at DS3, STS-1, OC-3, OC-12, or OC-48 transmission capacities.
  - 2.8.4.6.3 The OC-48 Sub-Loop Feeder will consist of four (4) OC12 interfaces.

- 2.8.4.6.4 Both 2-fiber and 4-fiber-protect applications will be supported for OC-3 level and higher.
- 2.8.4.7 Requirements
  - 2.8.4.7.1 Access in the SWC and RT will be via a Collocation cross-connect.
  - 2.8.4.7.2 USLF DS3 and above will be a designed circuit. BellSouth will provide a Design Layout Record (DLR) for this network element.
  - 2.8.4.7.3 Rates. Rates for these services are as set forth in Exhibit B of this Attachment. Mileage is based on airline miles.
  - 2.8.4.7.4 BellSouth will provide USLF DS3 and above elements in accordance with applicable industry standards.
- 2.8.5 **Unbundled Loop Concentration (ULC)**
  - 2.8.5.1 BellSouth will provide to Navigator Unbundled Loop Concentration (ULC). Loop concentration systems in the central office concentrate the signals transmitted over local loops onto a digital loop carrier system. The concentration device is placed inside a BellSouth central office. BellSouth will offer ULC with a TR008 interface or a TR303 interface.
  - 2.8.5.2 ULC will be offered in two system options. System A will allow up to 96 BellSouth loops to be concentrated onto two or more DS1s. The high-speed connection from the concentrator will be at the electrical DS1 level and will connect to Navigator at Navigator's collocation site. System B will allow up to 192 BellSouth loops to be concentrated onto 4 or more DS1s. System A may be upgraded to a System B. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). All DS1 interfaces will terminate to Navigator's collocation space. ULC service is offered with concentration (2 DS1s for 96 channels) or without concentration (4 DS1s for 96 channels) and with or without protection. A Loop Interface element will be required for each loop that is terminated onto the ULC system.
- 2.8.6 **Unbundled Sub-Loop Concentration (USLC)**
  - 2.8.6.1 Where facilities permit, Navigator may concentrate its sub-loops onto multiple DS1s back to the BellSouth Central Office.
  - 2.8.6.2 USLC, using the Lucent Series 5 equipment, will be offered in two system options. System A will allow up to 96 of Navigator's sub-loops to be concentrated onto two or more DS1s. System B will allow an additional 96 of Navigator's sub-loops to be concentrated onto two or more additional DS1s. One System A may be supplemented with one System B and they both must be physically located in a



single Series 5 dual channel bank. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). The DS1 level facility that connects the Remote Terminal site with the serving wire center is known as a Feeder Interface. All DS1 Feeder Interfaces will terminate to Navigator's demarcation point associated with Navigator's collocation space within the SWC that serves the remote terminal (RT). USLC service is offered with or without concentration and with or without a protection DS1.

- 2.8.6.3 Navigator is required to deliver its sub-loops to its own cross-box, RT, or other similar device and deliver a single cable to the BellSouth RT. This cable shall be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box and shall allow Navigator's sub-loops to be placed on the USLC and transported to Navigator's collocation space at a DS1 level.

2.8.7 **Dark Fiber Loop**

- 2.8.7.1 Dark Fiber Loop is an unused optical transmission facility without attached signal regeneration, multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for Navigator to utilize Dark Fiber Loops.

- 2.8.7.2 A Dark Fiber Loop is a point to point arrangement from an end user's premises connected via a cross connect to the demarcation point associated with Navigator's collocation space in the end user's serving wire center.

- 2.8.7.3 Dark Fiber Loop rates are differentiated between Local Channel, Interoffice Channel and Local Loop.

- 2.8.7.4 Requirements

- 2.8.7.4.1 BellSouth shall make available Dark Fiber Loop where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Loop will not be deemed available if: (1) it is used by BellSouth for maintenance and repair purposes; (2) it is designated for use pursuant to a firm order placed by another customer; (3) it is restricted for use by all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure; or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place the fiber for Dark Fiber Loop if none is available.

- 2.8.7.4.2 If the requested Dark Fiber Loop has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Navigator's request subject to time and materials charges.
- 2.8.7.4.3 Navigator is solely responsible for testing the quality of the Dark Fiber to determine its usability and performance specifications.
- 2.8.7.4.4 BellSouth shall use its commercially reasonable efforts to provide to Navigator information regarding the location, availability and performance of Dark Fiber Loop within ten (10) business days after receiving a Service Inquiry ("SI") from Navigator.
- 2.8.7.4.5 If the requested Dark Fiber Loop is available, BellSouth shall use commercially reasonable efforts to provision the Dark Fiber Loop to Navigator within twenty (20) business days after Navigator submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX)) to enable Navigator to connect or splice Navigator provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Loop.

2.9 **Loop Makeup (LMU)**

2.9.1 Description of Service

- 2.9.1.1 BellSouth shall make available to Navigator (LMU) information so that Navigator can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment Navigator intends to install and the services Navigator wishes to provide. This section addresses LMU as a preordering transaction, distinct from Navigator ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) for preordering loop makeup are likewise unique from other preordering functions with associated service inquiries (SI) as described in this Agreement.
- 2.9.1.2 BellSouth will provide Navigator LMU information consisting of the composition of the loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the loop length; the wire gauge and electrical parameters.
- 2.9.1.3 BellSouth's LMU information is provided to Navigator as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.
- 2.9.1.4 BellSouth's provisioning of LMU information to the requesting CLEC on facilities is contingent upon either BellSouth or the requesting CLEC owning the loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information

on a facility owned by another CLEC unless BellSouth receives a Letter of Authorization (LOA) from the voice CLEC (owner) or its authorized agent on the LMUSI (Loop Makeup Service Inquiry) submitted by the requesting CLEC.

- 2.9.1.5 Navigator may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop. The determination shall be made solely by Navigator and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop. The specific Loop type (ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee Navigator's ability to provide advanced data services over the ordered loop type. Further, if Navigator orders loops that are not intended to support advanced services (such as UV-SL1, UV-SL2, or ISDN compatible loops) and that are not inventoried as advanced services loops, the LMU information for such loops is subject to change at any time due to modifications and/or upgrades to BellSouth's network. Navigator is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the loop type ordered.

2.9.2 **Submitting Loop Makeup Service Inquiries**

- 2.9.2.1 Navigator may obtain LMU information by submitting a LMU Service Inquiry (LMUSI) mechanically or manually. Mechanized LMUSIs should be submitted through BellSouth's Operational Support Systems interfaces. After obtaining the Loop information from the mechanized LMUSI process, if Navigator needs further loop information in order to determine loop service capability, Navigator may initiate a separate Manual Service Inquiry for a separate nonrecurring charge as set forth in Exhibit B of this Attachment.

- 2.9.2.2 Manual LMUSIs shall be submitted by electronic mail to BellSouth's Complex Resale Support Group (CRSG) utilizing the Preordering Loop Makeup Service Inquiry form. The service interval for the return of a Loop Makeup Manual Service Inquiry is three business days. Manual LMUSIs are not subject to expedite requests. This service interval is distinct from the interval applied to the subsequent service order.

2.9.3 **Loop Reservations**

- 2.9.3.1 For a Mechanized LMUSI, Navigator may reserve up to ten Loop facilities. For a Manual LMUSI, Navigator may reserve up to three Loop facilities.
- 2.9.3.2 Navigator may reserve facilities for up to four (4) business days for each facility requested on a LMUSI from the time the LMU information is returned to Navigator. During and prior to Navigator placing an LSR, the reserved facilities are rendered unavailable to other customers, including BellSouth. If Navigator

does not submit an LSR for a UNE service on a reserved facility within the four-day reservation timeframe, the reservation of that spare facility will become invalid and the facility will be released.

- 2.9.3.3 Charges for preordering LMUSI are separate from any charges associated with ordering other services from BellSouth.

2.9.4 **Ordering of Other UNE Services**

- 2.9.4.1 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. Navigator will not be billed any additional LMU charges for the loop ordered on such LSR. If, however, Navigator does not reserve facilities upon an initial LMUSI, Navigator's placement of an order for an advanced data service type facility will incur the appropriate billing charges to include service inquiry and reservation per Exhibit B of this Attachment.

- 2.9.4.2 Where Navigator has reserved multiple Loop facilities on a single reservation, Navigator may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to Navigator, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by Navigator. If the ordered Loop type is not available, Navigator may utilize the Unbundled Loop Modification process or the Special Construction process, as applicable, to obtain the Loop type ordered.

3 **High Frequency Spectrum Network Element**

3.1 **General**

- 3.1.1 BellSouth shall provide Navigator access to the high frequency spectrum of the local loop as an unbundled network element only where BellSouth is the voice service provider to the end user at the rates set forth in this Attachment.

- 3.1.2 The High Frequency Spectrum is defined as the frequency range above the voiceband on a copper loop facility carrying analog circuit-switched voiceband transmissions. Access to the High Frequency Spectrum is intended to allow Navigator the ability to provide Digital Subscriber Line ("xDSL") data services to the end user for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class 5 of ANSI T1.417, American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems. BellSouth will continue to have access to the low frequency portion of the loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice service. Navigator shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.

- 3.1.3 Access to the High Frequency Spectrum requires an unloaded, 2-wire copper Loop. An unloaded Loop is a copper Loop with no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601.
- 3.1.4 BellSouth will provide Loop Modification to Navigator on an existing Loop in accordance with procedures developed in the Line Sharing Collaborative. High Frequency Spectrum (Central Office Based) Unbundled Loop Modification is a separate distinct service from Unbundled Loop Modification set forth in Section 2.5 of this Attachment. Procedures for High Frequency Spectrum (Central Office Based) Unbundled Loop Modification were developed in the Line Sharing Collaborative and may be found posted to the web at <http://www.interconnection.bellsouth.com/html/unes.html>. Nonrecurring rates for this UNE offering may be found in Exhibit B of this Attachment. BellSouth is not required to modify a Loop for access to the High Frequency spectrum if modification of that Loop significantly degrades BellSouth's voice service. If Navigator requests that BellSouth modify a Loop longer than 18,000 ft. and such modification significantly degrades the voice services on the Loop, Navigator shall pay for the Loop to be restored to its original state.
- 3.2 **Provisioning of High Frequency Spectrum and Splitter Space**
- 3.2.1 BellSouth will provide Navigator with access to the High Frequency Spectrum as follows:
- 3.2.1.1 To order High Frequency Spectrum on a particular Loop, Navigator must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated in the central office that serves the end-user of such Loop.
- 3.2.1.2 Navigator may provide its own splitters or may order splitters in a central office once it has installed its DSLAM in that central office. BellSouth will install splitters within thirty-six (36) calendar days of Navigator's submission of an error free Line Splitter Ordering Document ("LSOD") to the BellSouth Complex Resale Support Group.
- 3.2.1.3 Once a splitter is installed on behalf of Navigator in a central office in which Navigator is located, Navigator shall be entitled to order the High Frequency Spectrum on lines served out of that central office. BellSouth will bill and Navigator shall pay the electronic or manual ordering charges as applicable when Navigator orders High Frequency Spectrum for end-user service.
- 3.2.1.4 BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide Navigator access to data ports on the splitter. The splitter will route the High Frequency Spectrum on the circuit to Navigator's xDSL equipment in Navigator's collocation space. At least 30 days before making a change in splitter suppliers, BellSouth will provide Navigator with a carrier notification letter,

informing Navigator of change. Navigator shall purchase ports on the splitter in increments of 8 or 24 ports.

- 3.2.1.5 BellSouth will install the splitter in (i) a common area close to Navigator's collocation area, if possible; or (ii) in a BellSouth relay rack as close to Navigator's DS0 termination point as possible. Navigator shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the central office in which both Parties have access to a common test access point. A Termination Point is defined as the point of termination for Navigator on the toll main distributing frame in the central office and is not the demarcation point set forth in Attachment 4 of this Agreement. BellSouth will cross-connect the splitter data ports to a specified Navigator DS0 at such time that a Navigator end user's service is established.
- 3.2.1.6 Navigator may at its option purchase, install and maintain central office POTS splitters in its collocation arrangements. Navigator may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures shall apply.
- 3.2.1.7 Any splitters installed by Navigator in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. Navigator may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.
- 3.2.1.8 The High Frequency Spectrum shall only be available on Loops on which BellSouth is also providing, and continues to provide, analog voice service directly to the end user. In the event the end-user terminates its BellSouth provided voice service for any reason, or in the event BellSouth disconnects the end user's voice service pursuant to its tariffs or applicable law, and Navigator desires to continue providing xDSL service on such Loop, Navigator shall be required to purchase a full stand-alone Loop unbundled network element. To the extent commercially practicable, BellSouth shall give Navigator notice in a reasonable time prior to disconnect, which notice shall give Navigator an adequate opportunity to notify BellSouth of its intent to purchase such Loop. In those cases in which BellSouth no longer provides voice service to the end user and Navigator purchases the full stand-alone Loop, Navigator may elect the type of loop it will purchase. Navigator will pay the appropriate recurring and non-recurring rates for such Loop as set forth in Exhibit B to this Attachment. In the event Navigator purchases a voice grade Loop, Navigator acknowledges that such Loop may not remain xDSL compatible.
- 3.2.1.9 Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop.

**3.2.2      Ordering**

3.2.2.1      Navigator shall use BellSouth's Line Splitter Ordering Document ("LSOD") to order splitters from BellSouth and to activate and deactivate DS0 Collocation Connecting Facility Assignments (CFA) for use with High Frequency Spectrum.

3.2.2.2      BellSouth will provide Navigator the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.

3.2.2.2.1      BellSouth will provision High Frequency Spectrum in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>.

3.2.2.2.2      BellSouth will provide Navigator access to Preordering Loop Makeup (LMU), in accordance with the terms of this Agreement. BellSouth shall bill and Navigator shall pay the rates for such services, as described in Exhibit B.

3.2.2.2.3      BellSouth shall test the data portion of the loop to ensure the continuity of the wiring for Navigator's data.

**3.2.3      Maintenance and Repair**

3.2.3.1      Navigator shall have access for repair and maintenance purposes, to any loop for which it has access to the High Frequency Spectrum. If Navigator is using a BellSouth owned splitter, Navigator may access the loop at the point where the combined voice and data signal exits the central office splitter via a bantam test jack. If Navigator provides its own splitter, it may test from the collocation space or the Termination Point.

3.2.3.2      BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. Navigator will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

3.2.3.3      Navigator shall inform its end users to direct data problems to Navigator, unless both voice and data services are impaired, in which event the end users should call BellSouth.

3.2.3.4      Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.

3.2.3.5      Notwithstanding anything else to the contrary in this Agreement, when BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to Navigator, BellSouth will notify Navigator. Navigator will provide no more than two (2) verbal connecting facility assignments (CFA) pair changes to BellSouth in an attempt to resolve the voice trouble. In the event a

CFA pair change resolves the voice trouble, Navigator will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue Navigator's access to the High Frequency Spectrum on such loop. BellSouth will not be responsible for any loss of data as a result of this action.

**3.2.4 Line Splitting.**

**3.2.4.1 General**

**3.2.4.2** Line Splitting allows a provider of data services (a "Data LEC") and a provider of voice services (a "Voice CLEC") to deliver voice and data service to end users over the same loop. The Voice CLEC and Data LEC may be the same or different carriers. Navigator shall provide BellSouth with a signed Letter of Authorization ("LOA") between it and the Data LEC or Voice CLEC with which it desires to provision Line Splitting services.

**3.2.4.3** The splitter may be provided by the Data LEC, Voice CLEC or BellSouth. When Navigator or its authorized agent owns the splitter, Line Splitting requires the following: a non-designed analog loop from the serving wire center to the network interface device (NID) at the end user's location; a collocation cross connection connecting the loop to the collocation space; a second collocation cross connection from the collocation space connected to a voice port; and a splitter. The loop and port cannot be a loop and port combination (i.e. UNE-P), but must be individual stand-alone network elements. When BellSouth owns the splitter, Line Splitting requires the following: a non designed analog loop from the serving wire center to the network interface device (NID) at the end user's location with CFA and splitter port assignments, and a collocation cross connection from the collocation space connected to a voice port.

**3.2.4.4** An unloaded 2-wire copper loop must serve the end user. The meet point for the Voice CLEC and the Data LEC is the point of termination on the MDF for the Data LEC's cable and pairs.

**3.2.4.5** End Users currently receiving voice service from a Voice CLEC through a UNE platform (UNE-P) may be converted to Line Splitting arrangements by Navigator or its authorized agent ordering Line Splitting Service. If the CLEC wishes to provide the splitter, the UNE-P arrangement will be converted to a stand-alone UNE loop, a UNE port and two collocation cross connects. If BellSouth owns the splitter, the UNE-P arrangement will be converted to a stand-alone UNE loop, port, and one collocation cross connection.

**3.2.4.6** When end users using High Frequency Spectrum CO Based line sharing service convert to Line Splitting, BellSouth will discontinue billing for the upper spectrum.



BellSouth will continue to bill the Data LEC for all associated splitter charges if the Data LEC continues to use a BellSouth splitter. It is the responsibility of Navigator or its authorized agent to determine if the loop is compatible for Line Splitting Service. Navigator or its authorized agent may use the existing loop unless it is not compatible with the Data LEC's data service and < customer\_name> or its authorized agent submits an LSR to BellSouth to change the loop.

3.2.4.7 The foregoing procedures are applicable to migration to Line Splitting Service from a UNE-P arrangement. Where a UNE-P arrangement does not already exist, BellSouth will work cooperatively with CLECs to develop methods and procedures to develop a process whereby a Voice CLEC and a Data LEC may provide services over the same loop.

3.2.4.8 **Ordering**

3.2.4.9 Navigator shall use BellSouth's Line Splitter Ordering Document ("LSOD") to order splitters from BellSouth and to activate and deactivate DS0 Collocation Connecting Facility Assignments (CFA) for use with Line Splitting.

3.2.4.10 BellSouth shall provide Navigator the Local Service Request ("LSR") format to be used when ordering Line Splitting service.

3.2.4.11 BellSouth will provision Line Splitting service in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>.

3.2.4.12 BellSouth will provide Navigator access to Preordering Loop Makeup (LMU) in accordance with the terms of this Agreement. BellSouth shall bill and Navigator shall pay the rates for such services as described in Exhibit B.

3.2.4.13 BellSouth will provide loop modification to Navigator on an existing loop in accordance with procedures developed in the Line Sharing Collaborative. High Frequency Spectrum (CO Based) Unbundled Loop Modification is a separate distinct service from Unbundled Loop Modification set forth in Section 2.5 of this Attachment. Procedures for High Frequency Spectrum (CO Based) Unbundled Loop Modification may be found on the web at: [HTTP://www.interconnection.bellsouth.com/html/unes.html](http://www.interconnection.bellsouth.com/html/unes.html). Nonrecurring rates for this UNE offering may be found in Exhibit B of this Attachment.

3.2.4.14 **Maintenance**

3.2.4.15 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the

Termination Point. Navigator will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

3.2.4.16 Navigator shall inform its end users to direct data problems to Navigator, unless both voice and data services are impaired, in which event the end users should call BellSouth.

3.2.4.17 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.

3.2.4.18 When BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to owner of the collocation space, BellSouth will notify the owner of the collocation space. The owner of the collocation space will provide no more than two (2) verbal CFA pair changes to BellSouth in an attempt to resolve the voice trouble. In the event the CFA pair is changed, the owner of the collocation space will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue the owner of the collocation space access to the High Frequency Spectrum on such loop.

3.2.4.19 If Navigator is not the data provider, Navigator shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees which arise out of actions related to the data provider.

### 3.2.5 Remote Site High Frequency Spectrum

#### 3.2.5.1 General

3.2.5.1.1 BellSouth shall provide Navigator access to the high frequency spectrum of the local sub-loop as an unbundled network element (UNE) only where BellSouth is the voice service provider to the end user at the rates set forth in this Attachment.

3.2.6 The High Frequency Spectrum is defined as the frequency range above the voiceband on a copper loop facility carrying analog circuit-switched voiceband transmissions. Access to the High Frequency Spectrum is intended to allow Navigator the ability to provide Digital Subscriber Line ("xDSL") data services to the end user for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class 5 of ANSI T1.417, American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems. BellSouth will continue to have access to the low frequency portion of the loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice

service. Navigator shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.

- 3.2.7 Access to the High Frequency Spectrum requires an unloaded, 2-wire (Non-Designed) copper sub loop. A unloaded Cooper sub loop has no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601.
- 3.2.8 BellSouth will provide Loop Modification to Navigator on an existing Loop in accordance with procedures developed in the Line Sharing Collaborative. Procedures for High Frequency Spectrum (Remote Site) Unbundled Loop Modification were developed in the Line Sharing Collaborative and may be found posted to the web at <http://www.interconnection.bellsouth.com/html/unes.html>. Nonrecurring rates for this UNE offering may be found in Exhibit B of this Attachment. BellSouth is not required to modify a Loop for access to the High Frequency spectrum if modification of that Loop significantly degrades BellSouth's voice service. If Navigator requests modifications on a sub loop longer than 18,000 ft. and requested modifications significantly degrades the voice services on the loop, Navigator shall pay for the loop to be restored to its original state.
- 3.2.9 Provisioning of High Frequency Spectrum and Splitter Space
- 3.2.10 BellSouth will provide Navigator with access to the High Frequency Spectrum as follows:
- 3.2.10.1 To order High Frequency Spectrum on a particular Loop, Navigator must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated at the remote site that serves the end-user of such Loop.
- 3.2.10.2 Navigator may provide its own splitters or may order splitters in a remote site once the Navigator has installed its DSLAM at that remote site. BellSouth will install splitters within thirty-six (36) calendar days of Navigator's submission of an error free Line Splitter Ordering Document ("LSOD") to the BellSouth Complex Resale Support Group.
- 3.2.10.3 Once a splitter is installed on behalf of Navigator in a remote site in which Navigator is located, Navigator shall be entitled to order the High Frequency Spectrum on lines served out of that remote site. BellSouth will bill and Navigator shall pay applicable for High Frequency Spectrum end-user activation.
- 3.2.11 **BellSouth Owned Splitter**
- 3.2.11.1 BellSouth will select, purchase, install and maintain a splitter at the remote site. The Navigator's meet point is at the BellSouth "cross connect" point located at the Feeder Distribution Interface (FDI). The Navigator will provide a cable facility to the BellSouth FDI. BellSouth will splice the Navigator's cable to BellSouth's spare

binding post in the FDI and use "cross connects" to connect the Navigator's cable facility to the BellSouth splitter. The splitter will route the high frequency portion of the circuit to the Navigator's xDSL equipment in their collocation space. Access to the high frequency spectrum is not compatible with foreign exchange (FX) lines, ISDN, and other services listed in the technical section of this document.

3.2.11.2 The BellSouth splitter bifurcates the digital and voice band signals. The low frequency voice band portion of the circuit is routed back to the BellSouth switch. The high frequency digital traffic portion of the circuit is routed to the xDSL equipment in the Navigator's Remote Terminal (RT) collocation space and routed back to the Navigator's network. At least 30 business days before making a change in splitter suppliers, BellSouth will provide Navigator with a carrier notification letter, informing Navigator of change. Navigator shall purchase ports on the splitter in increments of 24 ports.

3.2.11.3 BellSouth will install the splitter in (i) a common area close to Navigator's collocation area, if possible; or (ii) in a BellSouth relay rack as close to Navigator's DS0 termination point as possible. Navigator shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the remote site in which both Parties have access to a common test access point. BellSouth will cross-connect the splitter data ports to a specified Navigator DS0 at such time that a Navigator end user's service is established.

### 3.2.12 CLEC Owned Splitter

3.2.12.1 Navigator may at its option purchase, install and maintain splitters in its collocation arrangements. Navigator may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures shall apply. The CLEC will be required to activate cable pairs in no less than 8 (eight) pair increments.

3.2.12.2 Any splitters installed by Navigator in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. Navigator may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

3.2.12.3 The High Frequency Spectrum shall only be available on sub-loops provided by BellSouth that continues to provide, analog voice service directly to the end user. In the event the end-user terminates its BellSouth provided voice service for any reason, or in the event BellSouth disconnects the end user's voice service pursuant to its tariffs or applicable law, and Navigator desires to continue providing xDSL service on such sub-loop, Navigator shall be required to purchase a full stand-alone sub-loop. To the extent commercially practicable, BellSouth shall give

Navigator notice in a reasonable time prior to disconnect, which notice shall give Navigator an adequate opportunity to notify BellSouth of its intent to purchase such sub-loop. In those cases where BellSouth no longer provides voice service to the end user and Navigator purchases the full stand-alone sub-loop, Navigator may elect the type of sub-loop it will purchase. Navigator will pay the appropriate recurring and non-recurring rates for such sub-loop as set forth in Exhibit B to this Attachment. In the event Navigator purchases a voice grade Loop, Navigator acknowledges that such sub-loop may not remain xDSL compatible.

- 3.2.12.4 Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop.

3.2.13 **Ordering**

- 3.2.13.1 Navigator shall use BellSouth's Remote Splitter Ordering Document ("RSOD") to order and activate splitters from BellSouth or to activate CLEC owned splitters at an RT for use with High Frequency Spectrum.

- 3.2.13.2 BellSouth will provide Navigator the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.

- 3.2.13.2.1 BellSouth will provision High Frequency Spectrum in compliance with BellSouth's Products and Services Interval Guide available at the website at <http://www.interconnection.bellsouth.com>.

- 3.2.13.2.2 BellSouth will provide Navigator access to Preordering Loop Makeup (LMU), in accordance with the terms of this Agreement. BellSouth shall bill and Navigator shall pay the rates for such services as described in Exhibit B.

- 3.2.13.2.3 BellSouth shall test the data portion of the loop to ensure the continuity of the wiring for Navigator's data.

3.2.14 **Maintenance and Repair**

- 3.2.14.1 Navigator shall have access for repair and maintenance purposes, to any loop for which it has access to the High Frequency Spectrum. If Navigator is using a BellSouth owned splitter, Navigator may access the loop at the point where the data signal exits. If Navigator provides its own splitter, it may test from the collocation space or the Termination Point.

- 3.2.14.2 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. Navigator will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

- 3.2.14.3 Navigator shall inform its end users to direct data problems to Navigator, unless both voice and data services are impaired, in which event the end users should call BellSouth.
- 3.2.14.4 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.
- 3.2.14.5 Notwithstanding anything else to the contrary in this Agreement, when BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to Navigator, BellSouth will notify Navigator. Navigator will provide no more than two (2) verbal connecting facility assignments (CFA) pair changes to BellSouth in an attempt to resolve the voice trouble. In the event a CFA pair change resolves the voice trouble, Navigator will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue Navigator's access to the High Frequency Spectrum on such loop. BellSouth will not be responsible for any loss of data as a result of this action.

#### **4 Local Switching**

- 4.1 BellSouth shall provide non-discriminatory access to local circuit switching capability and local tandem switching capability on an unbundled basis, except as set forth in the Sections below to Navigator for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to Navigator for the provision of a telecommunications service only in the limited circumstance described below in Section 4.5.

#### **4.2 Local Circuit Switching Capability, including Tandem Switching Capability**

- 4.2.1 Local circuit switching capability is defined as: (A) line-side facilities, which include, but are not limited to, the connection between a loop termination at a main distribution frame and a switch line card; (B) trunk-side facilities, which include, but are not limited to, the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; (C) switching provided by remote switching modules; and (D) all features, functions, and capabilities of the switch, which include, but are not limited to: (1) the basic switching function of connecting lines to lines, line to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to BellSouth's customers, such as a telephone number, white page listings, and dial tone; and (2) all other features that the switch is capable of providing, including but not limited to customer calling, customer local area signaling service features, and Centrex, as well as any technically feasible customized routing functions provided by the switch. Any

features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR process.

- 4.2.2 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for Navigator when Navigator serves an end-user with four (4) or more voice-grade (DS-0) equivalents or lines served by BellSouth in one of the following MSAs: Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, and BellSouth has provided non-discriminatory cost based access to the Enhanced Extended Link (EEL) throughout Density Zone 1 as determined by NECA Tariff No. 4 as in effect on January 1, 1999.
- 4.2.3 In the event that Navigator orders local circuit switching for an end user with four (4) or more DS0 equivalent lines within Density Zone 1 in an MSA listed above, BellSouth shall charge Navigator the market based rates in Exhibit B for use of the local circuit switching functionality for the affected facilities. If a market rate is not set forth in Exhibit B, such rate shall be negotiated by the Parties.
- 4.2.4 Unbundled Local Switching consists of three separate unbundled elements: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.
- 4.2.5 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to Navigator's end user local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.
- 4.2.6 Provided that Navigator purchases unbundled local switching from BellSouth and uses the BellSouth CIC for its end users' LPIC or if a BellSouth local end user selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by an Navigator local end user, or originated by a BellSouth local end user and terminated to an Navigator local end user, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a party other than BellSouth). For such calls, BellSouth will charge Navigator the UNE elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for such calls. Intercarrier compensation for local calls between BellSouth and Navigator shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.
- 4.2.7 Where Navigator purchases unbundled local switching from BellSouth but does not use the BellSouth CIC for its end users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from an Navigator end user and terminate within the basic local calling area or within the extended local calling areas and that are dialed using 7 or 10 digits as defined and specified in Section A3

of BellSouth's General Subscriber Services Tariffs. For such local calls, BellSouth will charge Navigator the UNE elements for the BellSouth facilities utilized. Intercarrier compensation for local calls between BellSouth and Navigator shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's web site.

- 4.2.8 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill Navigator the UNE elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges, as appropriate.

4.2.9 **Unbundled Port Features**

- 4.2.9.1 Charges for Unbundled Port are as set forth in Exhibit B, and as specified in such exhibit, may or may not include individual features.

- 4.2.9.2 Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates.

- 4.2.9.3 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR process.

- 4.2.9.4 BellSouth will provide to Navigator selective routing of calls to a requested Operator System platform pursuant to Section 10 of Attachment 2. Any other routing requests by Navigator will be made pursuant to the BFR/NBR Process as set forth in Attachment 12.

4.2.10 **Provision for Local Switching**

- 4.2.10.1 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.

- 4.2.10.2 BellSouth shall control congestion points such as those caused by radio station call-ins, and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.

- 4.2.10.3 BellSouth shall perform manual call trace and permit customer originated call trace. BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS). These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references.

- 4.2.10.4 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces. These adjuncts can include, but are not limited to, the Service Circuit



Node and Automatic Call Distributors. BellSouth shall offer to Navigator all AIN triggers in connection with its SMS/SCE offering.

4.2.10.5 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by Navigator.

4.2.11 **Local Switching Interfaces.**

4.2.11.1 Navigator shall order ports and associated interfaces compatible with the services it wishes to provide, as listed in Exhibit B. BellSouth shall provide the following local switching interfaces:

4.2.11.1.1 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e.g., for calling number, calling name and message waiting lamp);

4.2.11.1.2 Coin phone signaling;

4.2.11.1.3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements;

4.2.11.1.4 Two-wire analog interface to PBX;

4.2.11.1.5 Four-wire analog interface to PBX;

4.2.11.1.6 Four-wire DS1 interface to PBX or customer provided equipment (e.g. computers and voice response systems);

4.2.11.1.7 Primary Rate ISDN to PBX adhering to ANSI standards Q.931, Q.932 and appropriate Telcordia Technical Requirements;

4.2.11.1.8 Switched Fractional DS1 with capabilities to configure Nx64 channels (where N = 1 to 24); and

4.2.11.1.9 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers.

4.3 **Tandem Switching**

4.3.1 The Tandem Switching capability Network Element is defined as: (i) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross connect panel and switch trunk card; (ii) the basic switch trunk function of connecting trunks to trunks; and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features.

4.3.2 **Technical Requirements**

- 4.3.2.1 Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, 6/1/90. The requirements for Tandem Switching include, but are not limited to the following:
  - 4.3.2.1.1 Tandem Switching shall provide signaling to establish a tandem connection;
  - 4.3.2.1.2 Tandem Switching will provide screening as jointly agreed to by Navigator and BellSouth;
  - 4.3.2.1.3 Tandem Switching shall provide Advanced Intelligent Network triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability;
  - 4.3.2.1.4 Tandem Switching shall provide access to Toll Free number database;
  - 4.3.2.1.5 Tandem Switching shall provide connectivity to PSAPs where 911 solutions are deployed and the tandem is used for 911; and
  - 4.3.2.1.6 Where appropriate, Tandem Switching shall provide connectivity for the purpose of routing transit traffic to and from other carriers.
- 4.3.2.2 BellSouth may perform testing and fault isolation on the underlying switch that is providing Tandem Switching. Such testing shall be testing routinely performed by BellSouth. The results and reports of the testing shall be made available to Navigator.
- 4.3.2.3 BellSouth shall control congestion points and network abnormalities. All traffic will be restricted in a non-discriminatory manner.
- 4.3.2.4 Tandem Switching shall process originating toll-free traffic received from Navigator's local switch.
- 4.3.2.5 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element, to the extent such Tandem Switch has such capability.
- 4.3.3 Upon Navigator's purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for Navigator's traffic overflowing from direct end office high usage trunk groups.
- 4.4 **AIN Selective Carrier Routing for Operator Services, Directory Assistance and Repair Centers**
  - 4.4.1 BellSouth will provide AIN Selective Carrier Routing at the request of Navigator. AIN Selective Carrier Routing will provide Navigator with the capability of routing operator calls, 0+ and 0- and 0+ NPA (LNPA) 555-1212 directory

assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations.

- 4.4.2 Navigator shall order AIN Selective Carrier Routing through its Account Team and/or Local Contract Manager. AIN Selective Carrier Routing must first be established regionally and then on a per central office, per state basis.
- 4.4.3 AIN Selective Carrier Routing is not available in DMS 10 switches.
- 4.4.4 Where AIN Selective Carrier Routing is utilized by Navigator, the routing of Navigator's end user calls shall be pursuant to information provided by Navigator and stored in BellSouth's AIN Selective Carrier Routing Service Control Point database. AIN Selective Carrier Routing shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an 'as needed' basis. The same LCCs will be assigned in each central office where AIN Selective Carrier Routing is established.
- 4.4.5 Upon ordering of AIN Selective Carrier Routing Regional Service, Navigator shall remit to BellSouth the Regional Service Order non-recurring charges set forth in Exhibit B of this Attachment. There shall be a non-recurring End Office Establishment Charge per office due at the addition of each central office where AIN Selective Carrier Routing will be utilized. Said non-recurring charge shall be as set forth in Exhibit B of this Attachment. For each Navigator end user activated, there shall be a non-recurring End User Establishment charge as set forth in Exhibit B of this Attachment. Navigator shall pay the AIN Selective Carrier Routing Per Query Charge set forth in Exhibit B of this Attachment.
- 4.4.6 This Regional Service Order non-recurring charge will be non-refundable and will be paid with 1/2 due up-front with the submission of all fully completed required forms, including: Regional Selective Carrier Routing (SCR) Order Request-Form A, Central Office AIN Selective Carrier Routing (SCR) Order Request - Form B, AIN\_SCR Central Office Identification Form - Form C, AIN\_SCR Routing Options Selection Form - Form D, and Routing Combinations Table - Form E. BellSouth has 30 days to respond to Navigator's fully completed firm order as a Regional Service Order. With the delivery of this firm order response to Navigator, BellSouth considers that the delivery schedule of this service commences. The remaining 1/2 of the Regional Service Order payment must be paid when at least 90% of the Central Offices listed on the original order have been turned up for the service.
- 4.4.7 The non-recurring End Office Establishment Charge will be billed to Navigator following BellSouth's normal monthly billing cycle for this type of order.
- 4.4.8 End-User Establishment Orders will not be turned-up until the second payment is received for the Regional Service Order. The non-recurring End-User

Establishment Charges will be billed to Navigator following BellSouth's normal monthly billing cycle for this type of order.

4.4.9 Additionally, the AIN Selective Carrier Routing Per Query Charge will be billed to Navigator following the normal billing cycle for per query charges.

4.4.10 All other network components needed, for example, unbundled switching and unbundled local transport, etc, will be billed per contracted rates.

4.5 **Packet Switching Capability**

4.5.1 The packet switching capability network element is defined as the function of routing or forwarding packets, frames, cells or other data units based on address or other routing information contained in the packets, frames, cells or other data units.

4.5.2 BellSouth shall be required to provide non-discriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:

4.5.2.1 BellSouth has deployed digital loop carrier systems, including but not limited to, integrated digital loop carrier or universal digital loop carrier systems; or has deployed any other system in which fiber optic facilities replace copper facilities in the feeder section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);

4.5.2.2 There are no spare copper loops capable of supporting the xDSL services Navigator seeks to offer;

4.5.2.3 BellSouth has not permitted Navigator to deploy a DSLAM at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has Navigator obtained a virtual collocation arrangement at these sub-loop interconnection points as defined by 47 CFR § 51.319 (b); and

4.5.2.4 BellSouth has deployed packet switching capability for its own use.

4.5.3 If there is a dispute as to whether BellSouth must provide Packet Switching, such dispute will be resolved according to the dispute resolution process set forth in Section 12 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

4.6 **Interoffice Transmission Facilities**

4.6.1 BellSouth shall provide nondiscriminatory access, in accordance with FCC Rule 51.311 and Section 251(c)(3) of the Act, to interoffice transmission facilities on an unbundled basis to Navigator for the provision of a telecommunications service.

**5 Unbundled Network Element Combinations**

5.1 Unbundled Network Element Combinations shall include: 1) Enhanced Extended Links (EELs); 2) Other Network Element Combinations; and 3) UNE Loop/Port Combinations.

5.2 For purposes of this Section, references to "Currently Combined" network elements shall mean that the particular network elements requested by Navigator are in fact already combined by BellSouth in the BellSouth network.

**5.3 Enhanced Extended Links (EELs)**

5.3.1 Where facilities permit and where necessary to comply with an effective FCC and/or State Commission order, or as otherwise mutually agreed by the Parties, BellSouth shall offer access to loop and transport combinations, also known as the Enhanced Extended Link ("EEL") as defined in Section 5.3.2 below.

5.3.2 Subject to Section 5.3.4 below, BellSouth will provide access to the EEL in the combinations set forth in Section 5.3.5 following. This offering is intended to provide connectivity from an end user's location through that end user's SWC to Navigator's POP serving wire center. The circuit must be connected to Navigator's switch for the purpose of provisioning telephone exchange service to Navigator's end-user customers. The EEL will be connected to Navigator's facilities in Navigator's collocation space at the POP SWC, or Navigator may purchase BellSouth's access facilities between Navigator's POP and Navigator's collocation space at the POP SWC.

5.3.3 When ordering EEL combinations, Navigator shall provide to BellSouth certification that Navigator will provide a significant amount of local exchange service over the requested combination and shall indicate under what local usage option Navigator seeks to qualify. Navigator shall be deemed to be providing a significant amount of local exchange service if one of the two (2) options set forth in Sections 5.3.6.2 through 5.3.6.3 is met. BellSouth shall have the right to audit Navigator's records to verify that Navigator is meeting the applicable local usage requirements. Such audit shall comply with the terms of Section 5.3.6.6 in this Attachment.

5.3.4 BellSouth shall provide EEL combinations to Navigator in Georgia, Kentucky, Louisiana, Mississippi, South Carolina and Tennessee regardless of whether or not such EELs are Currently Combined. In all other states, BellSouth shall make available to Navigator those EEL combinations described in Section 5.3.5 below only to the extent such combinations are Currently Combined. Furthermore, BellSouth will make available new EEL combinations to Navigator in density Zone 1, as defined in 47 CFR 69.123 as of January 1, 1999, in the Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans,

LA, MSAs. Except as stated above, EELs will be provided to Navigator only to the extent such network elements are Currently Combined.

**5.3.5 EEL Combinations**

- 5.3.5.1 DS1 Interoffice Channel + DS1 Channelization + 2-wire VG Local Loop
- 5.3.5.2 DS1 Interoffice Channel + DS1 Channelization + 4-wire VG Local Loop
- 5.3.5.3 DS1 Interoffice Channel + DS1 Channelization + 2-wire ISDN Local Loop
- 5.3.5.4 DS1 Interoffice Channel + DS1 Channelization + 4-wire 56 kbps Local Loop
- 5.3.5.5 DS1 Interoffice Channel + DS1 Channelization + 4-wire 64 kbps Local Loop
- 5.3.5.6 DS1 Interoffice Channel + DS1 Local Loop
- 5.3.5.7 DS3 Interoffice Channel + DS3 Local Loop
- 5.3.5.8 STS-1 Interoffice Channel + STS-1 Local Loop
- 5.3.5.9 DS3 Interoffice Channel + DS3 Channelization + DS1 Local Loop
- 5.3.5.10 STS-1 Interoffice Channel + DS3 Channelization + DS1 Local Loop
- 5.3.5.11 2-wire VG Interoffice Channel + 2-wire VG Local Loop
- 5.3.5.12 4wire VG Interoffice Channel + 4-wire VG Local Loop
- 5.3.5.13 4-wire 56 kbps Interoffice Channel + 4-wire 56 kbps Local Loop
- 5.3.5.14 4-wire 64 kbps Interoffice Channel + 4-wire 64 kbps Local Loop

**5.3.6 Special Access Service Conversions**

- 5.3.6.1 Navigator may not convert special access services to combinations of loop and transport network elements, whether or not Navigator self-provides its entrance facilities (or obtains entrance facilities from a third party), unless Navigator uses the combination to provide a significant amount of local exchange service, in addition to exchange access service, to a particular customer. To the extent Navigator requests to convert any special access services to combinations of loop and transport network elements at UNE prices, Navigator shall provide to BellSouth certification that Navigator is providing a significant amount of local exchange service (as described in this Section) over such combinations. The certification shall also indicate under what local usage option Navigator seeks to qualify for conversion of special access circuits. Navigator shall be deemed to be providing a significant amount of local exchange service over such combinations if one of the following options is met:

- 5.3.6.2 Navigator certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at Navigator's collocation arrangement in at least one BellSouth central office. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, Navigator is the end user's only local service provider, and thus, is providing more than a significant amount of local exchange service. Navigator can then use the loop-transport combinations that serve the end user to carry any type of traffic, including using them to carry 100 percent interstate access traffic; or
- 5.3.6.3 Navigator certifies that it provides local exchange and exchange access service to the end user customer's premises and handles at least one third of the end user customer's local traffic measured as a percent of total end user customer local dialtone lines; and for DS1 circuits and above, at least 50 percent of the activated channels on the loop portion of the loop-transport combination have at least 5 percent local voice traffic individually, and the entire loop facility has at least 10 percent local voice traffic. When a loop-transport combination includes multiplexing, each of the individual DS1 circuits must meet these criteria. The loop-transport combination must terminate at Navigator's collocation arrangement in at least one BellSouth central office. This option does not allow loop-transport combinations to be connected to BellSouth tariffed services; or
- 5.3.6.4 Navigator certifies that at least 50 percent of the activated channels on a circuit are used to provide originating and terminating local dialtone service and at least 50 percent of the traffic on each of these local dialtone channels is local voice traffic, and that the entire loop facility has at least 33 percent local voice traffic. When a loop-transport combination includes multiplexing, each of the individual DS1 circuits must meet these criteria. This option does not allow loop-transport combinations to be connected to BellSouth's tariffed services. Under this option, collocation is not required. Navigator does not need to provide a defined portion of the end user's local service, but the active channels on any loop-transport combination, and the entire facility, must carry the amount of local exchange traffic specified in this option.
- 5.3.6.5 In addition, there may be extraordinary circumstances where Navigator is providing a significant amount of local exchange service, but does not qualify under any of the three options set forth in Section 5.3.6. In such case, Navigator may petition the FCC for a waiver of the local usage options set forth in the June 2, 2000 Order. If a waiver is granted, then upon Navigator's request the Parties shall amend this Agreement to the extent necessary to incorporate the terms of such waiver for such extraordinary circumstance.
- 5.3.6.6 BellSouth may at its sole discretion audit Navigator records in order to verify the type of traffic being transmitted over combinations of loop and transport network elements. The audit shall be conducted by a third party independent auditor, and Navigator shall be given thirty days written notice of scheduled audit. Such audit

shall occur no more than one time in a calendar year, unless results of an audit find noncompliance with the significant amount of local exchange service requirement. In the event of noncompliance, Navigator shall reimburse BellSouth for the cost of the audit. If, based on its audits, BellSouth concludes that Navigator is not providing a significant amount of local exchange traffic over the combinations of loop and transport network elements, BellSouth may file a complaint with the appropriate Commission, pursuant to the dispute resolution process as set forth in the Interconnection Agreement. In the event that BellSouth prevails, BellSouth may convert such combinations of loop and transport network elements to special access services and may seek appropriate retroactive reimbursement from Navigator.

5.3.6.7 Navigator may convert special access circuits to combinations of loop and transport UNEs pursuant to the terms of this Section and subject to the termination provisions in the applicable special access tariffs, if any.

5.3.7 **Rates**

5.3.7.1 Subject to the limitations set forth in Section 5.3.4 above, the rates for EEL combinations are as follows:

5.3.7.1.1 The non-recurring and recurring rates for the EEL Combinations of network elements set forth in 5.3.5, whether or not Currently Combined, are as set forth in Exhibit B of this Attachment.

5.3.7.1.2 For combinations of loop and transport network elements that are not set forth in Section 5.3.5 but are Currently Combined, the recurring charge shall be the sum of the recurring charges for the individual UNEs that comprise the combination and the nonrecurring charge shall be the conversion charge set forth in Exhibit B of this Attachment.

5.3.7.1.3 For combinations of loop and transport network elements that are not set forth in Section 5.3.5, where the elements are not Currently Combined but are ordinarily combined in BellSouth's network, the non-recurring and recurring charges for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring charges of the network elements which make up the combination as set forth in Exhibit B of this Attachment.

5.3.8 **Multiplexing**

5.3.8.1 Where multiplexing functionality is required in connection with loop and transport combinations, such multiplexing will be provided at the rates and on the terms set forth in this Agreement.

5.4 **Other Network Element Combinations**



- 5.4.1 In the states of Georgia, Kentucky, Louisiana, Mississippi, South Carolina and Tennessee, BellSouth shall make available to Navigator, in accordance with Section 5.4.25.4.2.1 below: (1) combinations of network elements other than those described in this Section that are Currently Combined; and (2) combinations of network elements other than those described in this Section that are not Currently Combined but that BellSouth ordinarily combines in its network. In all other states, BellSouth shall make available to Navigator, in accordance with Section 5.4.2 below, combinations of network elements other than those described in this Section 5 only to the extent such combinations are Currently Combined.
- 5.4.2 Rates
- 5.4.2.1 Subject to the limitations set forth in Section 5.4.1 above, the rates for network element combinations other than those described in this Section 5 are as follows:
- 5.4.2.1.1 The recurring charge for Currently Combined combinations of network elements other than those described in this Section 5 shall be the sum of the recurring charges for the individual UNEs that comprise the combination and the nonrecurring charge shall be the conversion charge set forth in Exhibit B of this Attachment.
- 5.4.2.1.2 For network element combinations other than those described in this Section 5 where the elements are not Currently Combined but are ordinarily combined in BellSouth's network, the non-recurring and recurring charges for such UNE combinations shall be the sum of the stand-alone non-recurring and recurring charges of the network elements that make up the combination as set forth in Exhibit B of this Attachment.
- 5.4.2.1.3 To the extent that Navigator seeks to obtain other combinations of network elements that BellSouth ordinarily combines in its network which have not been specifically priced by the Commission when purchased in combined form, Navigator, at its option, can request that such rates be determined pursuant to the BFR/NBR process set forth in this Agreement. In addition, to the extent BellSouth has not developed methods and procedures to provide any specific combination of network elements requested by Navigator, whether or not Currently Combined, such methods and procedures shall be established pursuant to the BFR/NBR process.
- 5.5 UNE Port/Loop Combinations
- 5.5.1 Combinations of port and loop unbundled network elements along with switching and transport unbundled network elements provide local exchange service for the origination or termination of calls. Port/ loop combinations support the same local calling and feature requirements as described in the Unbundled Local Switching or Port section of this Attachment 2 and the ability to presubscribe to a primary

carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.

- 5.5.2 BellSouth shall make available UNE port/loop combinations, regardless of whether such combinations are Currently Combined, so long as such combinations are ordinarily combined in BellSouth's network.
- 5.5.3 Except as set forth in section 5.6.3 below, in Georgia, Kentucky, Louisiana, Mississippi, South Carolina and Tennessee, BellSouth shall provide UNE port/loop combinations that are ordinarily combined in BellSouth's network, regardless of whether such combinations are Currently Combined at the cost-based rates in Exhibit B.
- 5.5.4 In Alabama, Florida, and North Carolina, BellSouth shall provide UNE port/loop combinations that are not Currently Combined but that are ordinarily combined in BellSouth's network at the market rates in Exhibit B. If a market rate is not set forth in Exhibit B for a UNE port/loop combination, such rate shall be negotiated by the Parties.
- 5.5.5 In Alabama, Florida, and North Carolina, BellSouth shall provide UNE port/loop combinations that are Currently Combined at the cost-based rates in Exhibit B.
- 5.5.6 BellSouth is not required to provide combinations of port and loop network elements on an unbundled basis in locations where, pursuant to FCC rules, BellSouth is not required to provide circuit switching as an unbundled network element.
- 5.5.6.1 BellSouth shall not be required to provide local circuit switching as an unbundled network element in density Zone 1, as defined in 47 CFR 69.123 as of January 1, 1999 of the Atlanta, GA; Miami, FL; Orlando, FL; Ft. Lauderdale, FL; Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC; Nashville, TN; and New Orleans, LA, MSAs to Navigator if Navigator's customer has 4 or more DS0 equivalent lines.
- 5.5.6.2 Notwithstanding the foregoing, BellSouth shall provide combinations of port and loop network elements on an unbundled basis where, pursuant to FCC rules, BellSouth is not required to provide local circuit switching as an unbundled network element and shall do so at the market rates in Exhibit B. If a market rate is not set forth in Exhibit B for a UNE port/loop combination, such rate shall be negotiated by the Parties.
- 5.5.7 BellSouth shall make 911 updates in the BellSouth 911 database for Navigator's UNE port/loop combinations. BellSouth will not bill Navigator for 911 surcharges. Navigator is responsible for paying all 911 surcharges to the applicable governmental agency.
- 5.5.8 Combination Offerings

- 5.5.8.1 2-wire voice grade port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.2 2-wire voice grade Coin port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.3 2-wire voice grade DID port, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.4 2-wire CENTREX port, voice grade loop, CENTREX intercom functionality, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.5 2-wire ISDN Basic Rate Interface, voice grade loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.6 4-wire ISDN Primary Rate Interface, DS1 loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.7 4-wire DS1 Trunk port, DS1 Loop, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.
- 5.5.8.8 4-wire DS1 Loop with normal serving wire center channelization interface, 2-wire voice grade ports (PBX), 2-wire DID ports, unbundled end office switching, unbundled end office trunk port, common transport per mile per MOU, common transport facilities termination, tandem switching, and tandem trunk port.

## **6 Transport, Channelization and Dark Fiber**

### **6.1 Transport**

- 6.1.1 Interoffice transmission facility network elements include:
  - 6.1.1.1 Dedicated transport, defined as BellSouth's transmission facilities, is dedicated to a particular customer or carrier that provides telecommunications between wire centers or switches owned by BellSouth, or between wire centers and switches owned by BellSouth and Navigator.
  - 6.1.1.2 Dark Fiber transport, defined as BellSouth's optical transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics;

- 6.1.1.3 Common (Shared) transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network. Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport.
- 6.1.2 BellSouth shall:
  - 6.1.2.1 Provide Navigator exclusive use of interoffice transmission facilities dedicated to a particular customer or carrier, or shared use of the features, functions, and capabilities of interoffice transmission facilities shared by more than one customer or carrier;
  - 6.1.2.2 Provide all technically feasible transmission facilities, features, functions, and capabilities of the transport facility for the provision of telecommunications services;
  - 6.1.2.3 Permit, to the extent technically feasible, Navigator to connect such interoffice facilities to equipment designated by Navigator, including but not limited to, Navigator's collocated facilities; and
  - 6.1.2.4 Permit, to the extent technically feasible, Navigator to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.1.3 Technical Requirements of Common (Shared) Transport
  - 6.1.3.1 Common (Shared) Transport provided on DS1 or VT1.5 circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office ("CO to CO") connections in the applicable industry standards.
  - 6.1.3.2 Common (Shared) Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CO to CO connections in the applicable industry standards.
  - 6.1.3.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.
  - 6.1.3.4 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards.
- 6.2 **Dedicated Transport**
  - 6.2.1 Dedicated Transport is composed of the following Unbundled Network Elements:

- 6.2.1.1 Unbundled Local Channel, defined as the dedicated transmission path between Navigator's Point of Presence ("POP") and Navigator's collocation space in the BellSouth Serving Wire Center for Navigator's POP, and
- 6.2.1.2 Unbundled Interoffice Channel, defined as the dedicated transmission path that provides telecommunication between BellSouth's Serving Wire Centers' collocations.
- 6.2.1.3 BellSouth shall offer Dedicated Transport in each of the following ways:
  - 6.2.1.3.1 As capacity on a shared UNE facility.
  - 6.2.1.3.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to Navigator.
- 6.2.1.4 Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as, line terminating equipment, amplifiers, and regenerators.
- 6.2.2 Technical Requirements
  - 6.2.2.1 The entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to Navigator designated traffic.
  - 6.2.2.2 For DS1 or VT1.5 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office ("CI to CO") connections in the applicable industry standards.
  - 6.2.2.3 For DS3 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the applicable industry standards.
  - 6.2.2.4 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
    - 6.2.2.4.1 DS0 Equivalent;
    - 6.2.2.4.2 DS1;
    - 6.2.2.4.3 DS3; and
    - 6.2.2.4.4 SDH (Synchronous Digital Hierarchy) Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
  - 6.2.2.5 BellSouth shall design Dedicated Transport according to its network infrastructure. Navigator shall specify the termination points for Dedicated Transport.

6.2.2.6 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references.

6.2.2.7 BellSouth Technical References:

6.2.2.7.1 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.

6.2.2.7.2 TR 73501 LightGate® Service Interface and Performance Specifications, Issue D, June 1995.

6.2.2.7.3 TR 73525 MegaLink® Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.

### 6.3 **Unbundled Channelization (Multiplexing)**

6.3.1 Unbundled Channelization (UC) provides the multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) Unbundled Network Element (UNE) or collocation cross-connect to be multiplexed or channelized at a BellSouth central office. Channelization will be offered with both the high and low speed sides to be connected to collocation. Channelization can be accomplished through the use of a stand-alone multiplexer or a digital cross-connect system at the discretion of BellSouth. Once UC has been installed, Navigator may request channel activation on an as-needed basis and BellSouth shall connect the requested facilities via Central Office Channel Interfaces (COCIs). The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility.

6.3.2 BellSouth shall make available the following channelization systems:

6.3.2.1 DS3/STS-1 Channelization System: channelizes a DS3 signal into 28 DS1s.

6.3.2.2 DS1 Channelization System: channelizes a DS1 signal into 24 DS0s.

6.3.3 BellSouth shall make available the following

6.3.3.1 Central Office Channel Interfaces (COCI):

6.3.3.2 DS1 COCI, which can be activated on a DS3 Channelization System.

6.3.3.3 Voice Grade and Digital Data COCI, which can be activated on a DS1 Channelization System.

6.3.3.4 Data COCI, which can be activated on a DS1 Channelization System.

6.3.3.5 AMI and B8ZS line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported as options.

6.3.4 Technical Requirements

6.3.4.1 In order to assure proper operation with BellSouth provided central office multiplexing functionality, Navigator's channelization equipment must adhere strictly to form and protocol standards. Navigator must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.

6.3.4.2 DS0 to DS1 Channelization

6.3.4.2.1 The DS1 signal must be framed utilizing the framing structure defined in ANSI T1.107, Digital Hierarchy Formats Specifications and ANSI T1.403.02, DS1 Robbed-bit Signaling State Definitions.

6.3.4.3 DS1 to DS3 Channelization

6.3.4.3.1 The DS3 signal must be framed utilizing the framing structure define in ANSI T1.107, Digital Hierarchy Formats Specifications. The asynchronous M13 multiplex format (combination of M12 and M23 formats) is specified for terminal equipment that multiplexes 28 DS1s into a DS3.

6.3.4.4 DS1 to STS Channelization

6.3.4.4.1 The STS-1 signal must be framed utilizing the framing structure define in ANSI T1.105, Synchronous Optical Network (SONET) – Basic Description Including Multiplex Structure, Rates and Formats and T1.105.02, Synchronous Optical Network (SONET) – Payload Mappings.

6.4 **Dark Fiber Transport**

6.4.1 Dark Fiber Transport is an unused optical transmission facility without attached signal regeneration, multiplexing, aggregation or other electronics that connects two points within BellSouth's network. It may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for Navigator to utilize Dark Fiber Transport.

6.4.2 Dark Fiber Transport rates are differentiated between Local Channel, Interoffice Channel and Local Loop.

6.4.3 Requirements

6.4.3.1 BellSouth shall make available Dark Fiber Transport where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. Dark Fiber Transport will not be deemed available if (1) it is used by BellSouth for maintenance and repair purposes, (2) it is designated for use pursuant to a firm order placed by another customer, (3) it is restricted for use by

all carriers, including BellSouth, because of transmission problems or because it is scheduled for removal due to documented changes to roads and infrastructure, or (4) BellSouth has plans to use the fiber within a two-year planning period. BellSouth is not required to place fibers for Dark Fiber Transport if there are none available.

- 6.4.3.2 If the requested Dark Fiber Transport has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Navigator's request subject to time and materials charges.
- 6.4.3.3 Navigator is solely responsible for testing the quality of the Dark Fiber Transport to determine its usability and performance specifications.
- 6.4.3.4 BellSouth shall use its best efforts to provide to Navigator information regarding the location, availability and performance of Dark Fiber Transport within ten (10) business days after receiving a request from Navigator. Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber Transport.
- 6.4.3.5 If the requested Dark Fiber Transport is available, BellSouth shall use its commercially reasonable efforts to provision the Dark Fiber Transport to Navigator within twenty (20) business days after Navigator submits a valid, error free LSR. Provisioning includes identification of appropriate connection points (e.g., Light Guide Interconnection (LGX)) to enable Navigator to connect or splice Navigator provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber Transport.

## **7 BellSouth Switched Access ("SWA") 8XX Toll Free Dialing Ten Digit Screening Service**

- 7.1 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database ("8XX SCP Database") is a Signaling control Point ("SCP") that contains customer record information and the functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS/8XX database and provides the routing instructions in response to queries from the Switching Service Point ("SSP") or tandem. The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service ("8XX TFD Service") utilizes the 8XX SCP Database to provide identification and routing of the 8XX calls, based on the ten digits dialed. At Navigator's option, 8XX TFD Service is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by Navigator.
- 7.2 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of Signaling System Seven (SS7) protocol.

## **8 Line Information Database (LIDB)**



- 8.1 The Line Information Database (LIDB) is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, Navigator must purchase appropriate signaling links pursuant to Section 9 of this Attachment. LIDB contains records associated with end user Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.
- 8.2 Technical Requirements
- 8.2.1 BellSouth will offer to Navigator any additional capabilities that are developed for LIDB during the life of this Agreement.
- 8.2.2 BellSouth shall process Navigator's Customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to Navigator what additional functions (if any) are performed by LIDB in the BellSouth network.
- 8.2.3 Within two (2) weeks after a request by Navigator, BellSouth shall provide Navigator with a list of the customer data items, which Navigator would have to provide in order to support each required LIDB function. The list shall indicate which data items are essential to LIDB function, and which are required only to support certain services. For each data item, the list shall show the data formats, the acceptable values of the data item and the meaning of those values.
- 8.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed 30 minutes per year.
- 8.2.5 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed 12 hours per year.
- 8.2.6 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than 12 hours per year.
- 8.2.7 All additions, updates and deletions of Navigator data to the LIDB shall be solely at the direction of Navigator. Such direction from Navigator will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 8.2.8 BellSouth shall provide priority updates to LIDB for Navigator data upon Navigator's request (e.g., to support fraud detection), via password-protected telephone card, facsimile, or electronic mail within one hour of notice from the established BellSouth contact.

- 8.2.9 BellSouth shall provide LIDB systems such that no more than 0.01% of Navigator customer records will be missing from LIDB, as measured by Navigator audits. BellSouth will audit Navigator records in LIDB against DBAS to identify record mismatches and provide this data to a designated Navigator contact person to resolve the status of the records and BellSouth will update system appropriately. BellSouth will refer record of mis-matches to Navigator within one business day of audit. Once reconciled records are received back from Navigator, BellSouth will update LIDB the same business day if less than 500 records are received before 1:00PM Central Time. If more than 500 records are received, BellSouth will contact Navigator to negotiate a time frame for the updates, not to exceed three business days.
- 8.2.10 BellSouth shall perform backup and recovery of all of Navigator's data in LIDB including sending to LIDB all changes made since the date of the most recent backup copy, in at least the same time frame BellSouth performs backup and recovery of BellSouth data in LIDB for itself. Currently, BellSouth performs backups of the LIDB for itself on a weekly basis and when a new software release is scheduled, a backup is performed prior to loading the new release.
- 8.2.11 BellSouth shall provide Navigator with LIDB reports of data, which are missing or contain errors, as well as any misrouted errors, within a reasonable time period as negotiated between Navigator and BellSouth.
- 8.2.12 BellSouth shall prevent any access to or use of Navigator data in LIDB by BellSouth personnel that are outside of established administrative and fraud control personnel, or by any other Party that is not authorized by Navigator in writing.
- 8.2.13 BellSouth shall provide Navigator performance of the LIDB Data Screening function, which allows a LIDB to completely or partially deny specific query originators access to LIDB data owned by specific data owners, for Customer Data that is part of an NPA-NXX or RAO-0/1XX wholly or partially owned by Navigator at least at parity with BellSouth Customer Data. BellSouth shall obtain from Navigator the screening information associated with LIDB Data Screening of Navigator data in accordance with this requirement. BellSouth currently does not have LIDB Data Screening capabilities. When such capability is available, BellSouth shall offer it to Navigator under the BFR/NBR process as set forth in Attachment 12.
- 8.2.14 BellSouth shall accept queries to LIDB associated with Navigator customer records, and shall return responses in accordance with industry standards.
- 8.2.15 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.

- 8.2.16 BellSouth shall provide processing time at the LIDB within 1 second for 99% of all messages under normal conditions as defined in industry standards.
- 8.3 Interface Requirements
  - 8.3.1 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
  - 8.3.2 The interface to LIDB shall be in accordance with the technical references contained within.
  - 8.3.3 The CCS interface to LIDB shall be the standard interface described herein.
  - 8.3.4 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation shall be maintained in the signaling network in order to support signaling network routing to the LIDB.
  - 8.3.5 The application of the LIDB rates contained in Exhibit B to this Attachment will be based on a Percent CLEC LIDB Usage ("PCLU") factor. Navigator shall provide BellSouth a PCLU. The PCLU will be applied to determine the percentage of total LIDB usage to be billed to the other Party at local rates. Navigator shall update its PCLU on the first of January, April, July and October and shall send it to BellSouth to be received no later than thirty (30) calendar days after the first of each such month based on local usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PCLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide, as it is amended from time to time.

## 9 Signaling

- 9.1 BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the rates set forth in this Attachment. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, signal transfer points and service control points. Signaling functionality will be available with both A-link and B-link connectivity.
- 9.2 **Signaling Link Transport**
  - 9.2.1 Signaling Link Transport is a set of two or four dedicated 56 kbps transmission paths between Navigator-designated Signaling Points of Interconnection that provide appropriate physical diversity.
  - 9.2.2 Technical Requirements
  - 9.2.3 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths and shall perform in the following two ways:

- 9.2.3.1 As an "A-link" Signaling Link Transport is a connection between a switch or SCP and a home Signaling Transfer Point switch pair; and
- 9.2.3.2 As a "B-link" Signaling Link Transport is a connection between two Signaling Transfer Point switch pairs in different company networks (e.g., between two Signaling Transfer Point switch pairs for two CLECs).
- 9.2.4 Signaling Link Transport shall consist of two or more signaling link layers as follows:
  - 9.2.4.1 An A-link layer shall consist of two links.
  - 9.2.4.2 A B-link layer shall consist of four links.
  - 9.2.4.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
    - 9.2.4.4 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two separate physical paths end-to-end); and
    - 9.2.4.5 No two concurrent failures of facilities or equipment shall cause the failure of all four links in a B-link layer (i.e., the links should be provided on a minimum of three separate physical paths end-to-end).
- 9.2.5 Interface Requirements
  - 9.2.5.1 There shall be a DS1 (1.544 Mbps) interface at Navigator's designated SPOIs. Each 56 kbps transmission path shall appear as a DS0 channel within the DS1 interface.
- 9.3 Signaling Transfer Points (STPs)
  - 9.3.1 A Signaling Transfer Point is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches (STPs) and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
  - 9.3.2 Technical Requirements
    - 9.3.2.1 Signaling Transfer Point s shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth Service Control Points/Databases connected to BellSouth SS7 network. Signaling Transfer Point also provide access to third-party local or tandem switching and Third-party-provided Signaling Transfer Points.

- 9.3.2.2 The connectivity provided by Signaling Transfer Points shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part or Transaction Capabilities Application Part (TCAP) user data that constitutes the content of the message.
- 9.3.2.3 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a Navigator local switch and third party local switch, the BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between Navigator local STPs and the STPs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to BellSouth STPs.
- 9.3.2.4 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as defined in Telcordia ANSI Interconnection Requirements. This includes Global Title Translation (GTT) and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a Navigator or third party local or tandem switching system directly connected to BellSouth SS7 network, BellSouth shall perform final GTT of messages to the destination and SCCP Subsystem Management of the destination. In all other cases, BellSouth shall perform intermediate GTT of messages to a gateway pair of STPs in an SS7 network connected with BellSouth SS7 network, and shall not perform SCCP Subsystem Management of the destination. If BellSouth performs final GTT to a Navigator database, then Navigator agrees to provide BellSouth with the Destination Point Code for Navigator database.
- 9.3.2.5 STPs shall provide all functions of the OMAP as specified in applicable industry standard technical references, which may include, where available in BellSouth's network, MTP Routing Verification Test (MRVT); and SCCP Routing Verification Test (SRVT).
- 9.3.2.6 Where the destination signaling point is a BellSouth local or tandem switching system or database, or is a Navigator or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the BellSouth SS7 network. This requirement may be superseded by the specifications for Internetwork MRVT and SRVT when these become approved ANSI standards and available capabilities of BellSouth STPs.

9.4 **SS7 Advanced Intelligent Network (AIN) Access**

- 9.4.1 When technically feasible and upon request by Navigator, SS7 AIN Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with Navigator's SS7 network to exchange TCAP queries and responses with a Navigator SCP.
- 9.4.2 SS7 AIN Access shall provide Navigator SCP access to an equipped BellSouth local switch via interconnection of BellSouth's SS7 and Navigator SS7 Networks. BellSouth shall offer SS7 AIN Access through its STPs. If BellSouth requires a mediation device on any part of its network specific to this form of access, BellSouth must route its messages in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the Navigator SCP as at least at parity with BellSouth's SCPs in terms of interfaces, performance and capabilities.
- 9.4.3 Interface Requirements
  - 9.4.3.1 BellSouth shall provide the following STP options to connect Navigator or Navigator-designated local switching systems to the BellSouth SS7 network:
    - 9.4.3.1.1 An A-link interface from Navigator local switching systems; and,
    - 9.4.3.1.2 A B-link interface from Navigator local STPs.
  - 9.4.3.2 Each type of interface shall be provided by one or more layers of signaling links.
  - 9.4.3.3 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the Central Office (CO) where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
  - 9.4.3.4 BellSouth shall provide intraoffice diversity between the Signaling Point of Interconnection and BellSouth STPs, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
  - 9.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 9.4.4 Message Screening
  - 9.4.4.1 BellSouth shall set message screening parameters so as to accept valid messages from Navigator local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the Navigator switching system has a valid signaling relationship.

9.4.4.2 BellSouth shall set message screening parameters so as to pass valid messages from Navigator local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the Navigator switching system has a valid signaling relationship.

9.4.4.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from Navigator from any signaling point or network interconnected through BellSouth's SS7 network where the Navigator SCP has a valid signaling relationship.

9.5 **Service Control Points/Databases**

9.5.1 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: Local Number Portability, LIDB, Toll Free Number Database, Automatic Location Identification/Data Management System, and Calling Name Database. BellSouth also provides access to Service Creation Environment and Service Management System (SCE/SMS) application databases and Directory Assistance.

9.5.2 A Service Control Point (SCP) is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. Service Management Systems provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

9.5.3 **Technical Requirements for SCPs/Databases**

9.5.3.1 BellSouth shall provide physical access to SCPs through the SS7 network and protocols with TCAP as the application layer protocol.

9.5.3.2 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols (e.g. SS7, ISDN and X.25).

9.5.3.3 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.

9.6 **Local Number Portability Database**

9.6.1 The Permanent Number Portability (PNP) database supplies routing numbers for calls involving numbers that have been ported from one local service provider to another. BellSouth agrees to provide access to the PNP database at rates, terms and conditions as set forth by BellSouth and in accordance with an effective FCC or Commission directive.

9.7 **SS7 Network Interconnection**

- 9.7.1 SS7 Network Interconnection is the interconnection of Navigator local signaling transfer point switches or Navigator local or tandem switching systems with BellSouth signaling transfer point switches. This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases, Navigator local or tandem switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network.
- 9.7.2 The connectivity provided by SS7 Network Interconnection shall fully support the functions of BellSouth switching systems and databases and Navigator or other third-party switching systems with A-link access to the BellSouth SS7 network.
- 9.7.3 If traffic is routed based on dialed or translated digits between a Navigator local switching system and a BellSouth or other third-party local switching system, either directly or via a BellSouth tandem switching system, then it is a requirement that the BellSouth SS7 network convey via SS7 Network Interconnection the TCAP messages that are necessary to provide Call Management services (Automatic Callback, Automatic Recall, and Screening List Editing) between the Navigator local signaling transfer point switches and BellSouth or other third-party local switch.
- 9.7.4 SS7 Network Interconnection shall provide:
  - 9.7.4.1 Signaling Data Link functions, as specified in ANSI T1.111.2;
  - 9.7.4.2 Signaling Link functions, as specified in ANSI T1.111.3; and
  - 9.7.4.3 Signaling Network Management functions, as specified in ANSI T1.111.4.
- 9.7.5 SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1.112. This includes Global Title Translation (GTT) and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a BellSouth switching system or DB, or is another third-party local or tandem switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination. Where the destination signaling point is a Navigator local or tandem switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of Navigator local STPs, and shall not include SCCP Subsystem Management of the destination.
- 9.7.6 SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part, as specified in ANSI T1.113.
- 9.7.7 SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1.114.



- 9.7.8 If Internetwork MRVT and SRVT become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection may provide these functions of the OMAP.
- 9.7.9 Interface Requirements
  - 9.7.9.1 The following SS7 Network Interconnection interface options are available to connect Navigator or Navigator-designated local or tandem switching systems or signaling transfer point switches to the BellSouth SS7 network:
    - 9.7.9.1.1 A-link interface from Navigator local or tandem switching systems; and
    - 9.7.9.1.2 B-link interface from Navigator STPs.
  - 9.7.9.2 The Signaling Point of Interconnection for each link shall be located at a cross-connect element in the central office where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the Signaling Points of interconnection. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
  - 9.7.9.3 BellSouth shall provide intraoffice diversity between the Signaling Points of Interconnection and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
  - 9.7.9.4 The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP. These protocol interfaces shall conform to the applicable industry standard technical references.
  - 9.7.9.5 BellSouth shall set message screening parameters to accept messages from Navigator local or tandem switching systems destined to any signaling point in the BellSouth SS7 network with which the Navigator switching system has a valid signaling relationship.
- 10 **Operator Services (Operator Call Processing and Directory Assistance)**
  - 10.1 Operator Call Processing provides: (1) operator handling for call completion (for example, collect, third number billing, and manual calling-card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, calling card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt (ELI), Emergency Agency Call, and Operator-assisted Directory Assistance.
  - 10.2 Upon request for BellSouth Operator Call Processing, BellSouth shall:
    - 10.2.1 Process 0+ and 0- dialed local calls.

- 10.2.2 Process 0+ and 0- intraLATA toll calls.
- 10.2.3 Process calls that are billed to Navigator end user's calling card that can be validated by BellSouth.
- 10.2.4 Process person-to-person calls.
- 10.2.5 Process collect calls.
- 10.2.6 Provide the capability for callers to bill to a third party and shall also process such calls.
- 10.2.7 Process station-to-station calls.
- 10.2.8 Process Busy Line Verify and Emergency Line Interrupt requests.
- 10.2.9 Process emergency call trace originated by Public Safety Answering Points.
- 10.2.10 Process operator-assisted directory assistance calls.
- 10.2.11 Adhere to equal access requirements, providing Navigator local end users the same IXC access as provided to BellSouth end users.
- 10.2.12 Exercise at least the same level of fraud control in providing Operator Service to Navigator that BellSouth provides for its own operator service.
- 10.2.13 Perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.
- 10.2.14 Direct customer account and other similar inquiries to the customer service center designated by Navigator.
- 10.2.15 Provide call records to Navigator in accordance with ODUF standards specified in Attachment 7.
- 10.2.16 The interface requirements shall conform to the interface specifications for the platform used to provide Operator Services as long as the interface conforms to industry standards.
- 10.3 **Directory Assistance Service**
- 10.3.1 Directory Assistance Service provides local and non-local end user telephone number listings with the option to complete the call at the caller's direction separate and distinct from local switching.
- 10.3.2 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by Navigator's end user, BellSouth shall provide caller-

optional directory assistance call completion service at rates contained in this Attachment to one of the provided listings.

**10.3.3 Directory Assistance Service Updates**

10.3.3.1 BellSouth shall update end user listings changes daily. These changes include:

10.3.3.1.1 New end user connections

10.3.3.1.2 End user disconnections

10.3.3.1.3 End user address changes

10.3.3.2 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

**10.4 Branding for Operator Call Processing and Directory Assistance**

10.4.1 BellSouth's branding feature provides a definable announcement to Navigator end users using Directory Assistance (DA)/Operator Call Processing (OCP) prior to placing such end users in queue or connecting them to an available operator or automated operator system. This feature allows Navigator to have its calls custom branded with Navigator's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for the branding features are set forth in this Attachment.

10.4.2 BellSouth offers three branding offering options to Navigator when ordering BellSouth's Directory Assistance and Operator Call Processing: BellSouth Branding, Unbranding and Custom Branding.

10.4.3 Upon receipt of the custom branding order from Navigator, the order is considered firm after ten business days. Should Navigator decide to cancel the order, written notification to <customer\_name's> BellSouth Account Executive is required. If Navigator decides to cancel after ten business days from receipt of the custom branding order, Navigator shall pay all charges per the order.

**10.4.4 Selective Call Routing Using Line Class Codes (SCR-LCC)**

10.4.4.1 Where Navigator purchases unbundled local switching from BellSouth and utilizes an Operator Services Provider other than BellSouth, BellSouth will route Navigator's end user calls to that provider through Selective Call Routing.

10.4.4.2 Selective Call Routing using Line Class Codes (SCR-LCC) provides the capability for Navigator to have its OCP/DA calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA. SCR-LCC is only

available if line class code capacity is available in the requested BellSouth end office switches.

- 10.4.4.3 Custom Branding for Directory Assistance is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services.
- 10.4.4.4 Where available, Navigator specific and unique line class codes are programmed in each BellSouth end office switch where Navigator intends to serve end users with customized OCP/DA branding. The line class codes specifically identify Navigator's end users so OCP/DA calls can be routed over the appropriate trunk group to the requested OCP/DA platform. Additional line class codes are required in each end office if the end office serves multiple NPAs (i.e., a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and Navigator intends to provide Navigator -branded OCP/DA to its end users in these multiple rate areas.
- 10.4.4.5 BellSouth Branding is the default branding offering.
- 10.4.4.6 SCR-LCC supporting Custom Branding and Self Branding require Navigator to order dedicated trunking from each BellSouth end office identified by Navigator, either to the BellSouth Traffic Operator Position System (TOPS) for Custom Branding or to the Navigator Operator Service Provider for Self Branding. Separate trunk groups are required for Operator Services and for Directory Assistance. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.4.7 Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by Navigator to the BellSouth TOPS. These calls are routed to "No Announcement."
- 10.4.4.8 The Rates for SCR-LCC are as set forth in this Attachment. There is a nonrecurring charge for the establishment of each Line Class Code in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OCP/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OCP/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.
- 10.4.4.9 UNE Provider Branding via Originating Line Number Screening (OLNS)
- 10.4.5.1 BellSouth Branding, Unbranding and Custom Branding are also available for Directory Assistance, Operator Call Processing or both via Originating Line Number Screening (OLNS) software. When utilizing this method of Unbranding

or Custom Branding, Navigator shall not be required to purchase dedicated trunking.

- 10.4.5.2 For BellSouth to provide Unbranding or Custom Branding via OLNS software for Operator Call Processing or for Directory Assistance, Navigator must have its Operating Company Number ("OCN(s)") and telephone numbers reside in BellSouth's LIDB; however, a BellSouth LIDB Storage Agreement is not required. To implement Unbranding and Custom Branding via OLNS software, Navigator must submit a manual order form which requires, among other things, Navigator's OCN and a forecast for the traffic volume anticipated for each BellSouth TOPS during the peak busy hour. Navigator shall provide updates to such forecast on a quarterly basis and at any time such forecasted traffic volumes are expected to change significantly. Upon Navigator's purchase of Unbranding or Custom Branding using OLNS software for any particular TOPS, all Navigator end users served by that TOPS will receive the Unbranded "no announcement" or the Custom Branded announcement.
- 10.4.5.3 BellSouth Branding is the default branding offering.
- 10.4.5.4 Rates for Unbranding and Custom Branding via OLNS software for Directory Assistance and for Operator Call Processing are as set forth in this Attachment. Notwithstanding anything to the contrary in this Agreement, to the extent BellSouth is unable to bill Navigator applicable charges currently, BellSouth shall track such charges and will bill the same retroactively at such time as a billing process is implemented. In addition to the charges for Unbranding and Custom Branding via OLNS software, Navigator shall continue to pay BellSouth applicable labor and other charges for the use of BellSouth's Directory Assistance and Operator Call Processing platforms as set forth in this Attachment. Further, where Navigator is purchasing unbundled local switching from BellSouth, UNE usage charges for end office switching, tandem switching and transport, as applicable, shall continue to apply.
- 10.4.6 **Facilities Based Carrier Branding**
- 10.4.6.1 All Service Levels require Navigator to order dedicated trunking from their end office(s) point of interface to the BellSouth TOPS Switches. Rates for trunks are set forth in applicable BellSouth tariffs.
- 10.4.6.2 Unbranding is the default branding offering.
- 10.4.6.3 Rates for Custom Branded OCP/DA are set forth in this Attachment.
- 10.4.6.4 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch and Network Applications Vehicle (NAV) equipment for which Navigator requires service.

- 10.4.6.5 Directory Assistance customized branding uses:
  - 10.4.6.5.1 the recording of Navigator;
  - 10.4.6.5.2 the loading on the Digital Recorded Announcement Machine (DRAM) in each TOPS switch.
- 10.4.6.6 Operator Call Processing customized branding uses:
  - 10.4.6.6.1 the recording of Navigator;
  - 10.4.6.6.2 the loading on the DRAM in the TOPS Switch (North Carolina);
  - 10.4.6.6.3 the loading on the Network Applications Vehicle (NAV). All NAV shelves within the region where the customer is offering service must be loaded.

10.5 **Directory Assistance Database Service (DADS)**

- 10.5.1 BellSouth shall make its Directory Assistance Database Service (DADS) available at the rates set forth in this Attachment solely for the expressed purpose of providing Directory Assistance type services to Navigator end users. The term "end user" denotes any entity that obtains Directory Assistance type services for its own use from a DADS customer. Directory Assistance type service is defined as Voice Directory Assistance (DA Operator assisted) and Electronic Directory Assistance (Data System assisted). Navigator agrees that DADS will not be used for any purpose that violates federal or state laws, statutes, regulatory orders or tariffs. For the purposes of provisioning a Directory Assistance type service, all terms and conditions of GSST A38 apply and are incorporated by reference herein. Except for the permitted uses, Navigator agrees not to disclose DADS to others and shall provide due care in providing for the security and confidentiality of DADS.
- 10.5.2 BellSouth shall initially provide Navigator with a Base File of subscriber listings via magnetic tape. DADS is available and may be ordered on a Business, Residence or combined Business and Residence listings basis for each central office requested. BellSouth will require approximately 30- 45 days after receiving an order from Navigator to prepare the Base File.
- 10.5.3 BellSouth will provide updates on either a daily or weekly basis reflecting all listing change activity occurring since Navigator's previous update. Delivery of updates will commence immediately after Navigator receives the Base File. Updates will be provided via magnetic tape unless BellSouth and Navigator mutually develop CONNECT: Direct™ electronic connectivity. Navigator will pay all costs associated with CONNECT: Direct™ connectivity, which will vary depending upon volume and mileage.

- 10.5.4 Navigator authorizes the inclusion of Navigator Directory Assistance listings in the BellSouth Directory Assistance products, including but not limited to DADS. Any other use is not authorized.

10.6 **Direct Access to Directory Assistance Service**

- 10.6.1 Direct Access to Directory Assistance Service (DADAS) will provide Navigator's directory assistance operators with the ability to search, using a standard directory assistance search format, the same listing information that is available to BellSouth operators including all available BellSouth subscriber listings, all available listings associated with lines resold by competitive local exchange carriers, and all available listings associated with lines provisioned by local exchange carriers that provide their listings to BellSouth. DADAS will also provide Navigator with the ability to search all listings BellSouth obtains from sources other than the provider of the local exchange lines associated with the listings. The search format will be provided to Navigator by BellSouth upon subscription to the service. Subscription to DADAS requires that Navigator utilize its own switch, operator workstations, directory assistance operators, transport facilities, and optional audio subsystems.

- 10.6.2 Rates, terms and conditions for provisioning DADAS are as set forth in the FCC tariff No. 1.

11 **Automatic Location Identification/Data Management System (ALI/DMS)**

- 11.1 The ALI/DMS Database contains end user information (including name, address, telephone information, and sometimes special information from the local service provider or end user) used to determine to which Public Safety Answering Point ("PSAP") to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911.
- 11.2 **Technical Requirements**
- 11.2.1 BellSouth shall provide Navigator access to the ALI/DMS database. BellSouth shall provide error reports from the ALI/DMS database to Navigator after Navigator provides end user information for input into the ALI/DMS database.
- 11.2.2 When BellSouth is responsible for administering the ALI/DMS database in its entirety, ported number NXXs entries for the ported numbers should be maintained unless Navigator requests otherwise and shall be updated if Navigator requests, provided Navigator supplies BellSouth with the updates.
- 11.2.3 When Remote Call Forwarding (RCF) is used to provide number portability to the local end user and a remark or other appropriate field information is available in the database, the shadow or "forwarded-to" number and an indication that the number is ported shall be added to the customer record.

- 11.2.4 If BellSouth is responsible for configuring PSAP features (for cases when the PSAP or BellSouth supports an ISDN interface) it shall ensure that CLASS Automatic Recall (Call Return) is not used to call back to the ported number. Although BellSouth currently does not have ISDN interface, BellSouth agrees to comply with this requirement once ISDN interfaces are in place.
- 11.3 Interface Requirements
- 11.3.1 The interface between the E911 Switch or Tandem and the ALI/DMS database for Navigator end users shall meet industry standards.
- 12 Calling Name (CNAM) Database Service**
- 12.1 CNAM is the ability to associate a name with the calling party number, allowing the end user (to which a call is being terminated) to view the calling party's name before the call is answered. This service also provides Navigator the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.
- 12.2 Navigator shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing, no less than 60 days prior to Navigator's access to BellSouth's CNAM Database Services and shall be addressed to Navigator's Account Manager.
- 12.3 BellSouth's provision of CNAM Database Services to Navigator requires interconnection from Navigator to BellSouth CNAM Service Control Points (SCPs). Such interconnections shall be established pursuant to Attachment 3 of this Agreement, incorporated herein by this reference.
- 12.4 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, Navigator shall provide its own CNAM SSP. Navigator's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".
- 12.5 If Navigator elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that Navigator desires to query.
- 12.6 If Navigator queries the BellSouth CNAM SCP via a third party national SS7 transport provider, the third party SS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway Signal Transfer



Points (STPs). The payment of all costs associated with the transport of SS7 signals via a third party will be established by mutual agreement of the Parties and this Agreement shall be amended in accordance with modification of the General Terms and Conditions incorporated herein by this reference.

- 12.7 The mechanism to be used by Navigator for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by Navigator in the BellSouth specified format and shall contain records for every working telephone number that can originate phone calls. It is the responsibility of Navigator to provide accurate information to BellSouth on a current basis.
- 12.8 Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.
- 12.9 Navigator CNAM records provided for storage in the BellSouth CNAM SCP shall be available, on a SCP query basis only, to all Parties querying the BellSouth CNAM SCP. Further, CNAM service shall be provided by each Party consistent with state and/or federal regulation.
- 13 **Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access**
- 13.1 BellSouth's Service Creation Environment and Service Management System (SCE/SMS) Advanced Intelligent Network (AIN) Access shall provide Navigator the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.
- 13.2 BellSouth's SCE/SMS AIN Access shall provide access to SCE hardware, software, testing and technical support (e.g., help desk, system administrator) resources available to Navigator. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions, but will not include support for the creation of a specific service application.
- 13.3 BellSouth SCP shall partition and protect Navigator service logic and data from unauthorized access.
- 13.4 When Navigator selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable Navigator to use BellSouth's SCE/SMS AIN Access to create and administer applications.
- 13.5 Navigator access will be provided via remote data connection (e.g., dial-in, ISDN).
- 13.6 BellSouth shall allow Navigator to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

- 14 Basic 911 and E911**
- 14.1 Basic 911 and E911 provides a caller access to the applicable emergency service bureau by dialing 911.
- 14.2 Basic 911 Service Provisioning. BellSouth will provide to Navigator a list consisting of each municipality that subscribes to Basic 911 service. The list will also provide, if known, the E911 conversion date for each municipality and, for network routing purposes, a ten-digit directory number representing the appropriate emergency answering position for each municipality subscribing to 911. Navigator will be required to arrange to accept 911 calls from its end users in municipalities that subscribe to Basic 911 service and translate the 911 call to the appropriate 10-digit directory number as stated on the list provided by BellSouth. Navigator will be required to route that call to BellSouth at the appropriate tandem or end office. When a municipality converts to E911 service, Navigator will be required to begin using E911 procedures.
- 14.3 E911 Service Provisioning. Navigator shall install a minimum of two dedicated trunks originating from the Navigator serving wire center and terminating to the appropriate E911 tandem. The dedicated trunks shall be, at a minimum, DS-0 level trunks configured either as a 2-wire analog interface or as part of a digital (1.544 Mb/s) interface. Either configuration shall use CAMA-type signaling with multifrequency ("MF") pulsing that will deliver automatic number identification ("ANI") with the voice portion of the call. If the user interface is digital, MF pulses, as well as other AC signals, shall be encoded per the u-255 Law convention. Navigator will be required to provide BellSouth daily updates to the E911 database. Navigator will be required to forward 911 calls to the appropriate E911 tandem, along with ANI, based upon the current E911 end office to tandem homing arrangement as provided by BellSouth. If the E911 tandem trunks are not available, Navigator will be required to route the call to a designated 7-digit local number residing in the appropriate Public Service Answering Point ("PSAP"). This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party. Navigator shall be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 to its end users.
- 14.4 Rates. Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on Navigator beyond applicable charges for BellSouth trunking arrangements.
- 14.5 Basic 911 and E911 functions provided to Navigator shall be at least at parity with the support and services that BellSouth provides to its end users for such similar functionality.

- 14.6 The detailed practices and procedures for 911/E911 services are contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers as amended from time to time during the term of this Agreement.
- 15 Operational Support Systems (OSS)**
- 15.1 BellSouth has developed and made available the following electronic interfaces by which Navigator may submit LSRs electronically.
- |      |                                   |
|------|-----------------------------------|
| LENS | Local Exchange Navigation System  |
| EDI  | Electronic Data Interchange       |
| TAG  | Telecommunications Access Gateway |
- 15.2 LSRs submitted by means of one of these electronic interfaces will incur an OSS electronic ordering charge. An individual LSR will be identified for billing purposes by its Purchase Order Number (PON). LSRs submitted by means other than one of these interactive interfaces (mail, fax, courier, etc.) will incur a manual order charge. All OSS charges are specified in Rate Exhibit B of this Attachment 2.
- 15.3 Denial/Restoral OSS Charge
- 15.3.1 In the event Navigator provides a list of customers to be denied and restored, rather than an LSR, each location on the list will require a separate PON and, therefore will be billed as one LSR per location.
- 15.4 Cancellation OSS Charge
- 15.4.1 Navigator will incur an OSS charge for an accepted LSR that is later canceled.
- 15.4.2 Supplements or clarifications to a previously billed LSR will not incur another OSS charge.
- 15.4.3 Network Elements and Other Services Manual Additive
- 15.4.4 The Commissions in some states have ordered per-element manual additive non-recurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per-element charges are listed on the Rate Tables in Exhibit B.

**EXHIBIT A**

**LINE INFORMATION DATA BASE (LIDB)  
FACILITIES BASED STORAGE AGREEMENT**

**I. Definitions**

- A. Billing number - a number that Navigator creates for the purpose of identifying an account liable for charges. This number may be a line or a special billing number.
- B. Line number - a ten-digit number that identifies a telephone line administered by Navigator.
- C. Special billing number - a ten-digit number that identifies a billing account established by Navigator.
- D. Calling Card number - a billing number plus PIN number.
- E. PIN number - a four-digit security code assigned by Navigator that is added to a billing number to compose a fourteen-digit calling card number.
- F. Toll billing exception indicator - associated with a billing number to indicate that it is considered invalid for billing of collect calls or third number calls or both, by Navigator.
- G. Billed Number Screening - refers to the activity of determining whether a toll billing exception indicator is present for a particular billing number.
- H. Calling Card Validation - refers to the activity of determining whether a particular calling card number exists as stated or otherwise provided by a caller.
- I. Billing number information - information about billing number, Calling Card number and toll billing exception indicator provided to BellSouth by Navigator.

**II. General**

- A. This Agreement sets forth the terms and conditions pursuant to which BellSouth agrees to store in its LIDB certain information at the request of Navigator and pursuant to which BellSouth, its LIDB customers and Navigator shall have access to such information. In addition, this Agreement sets forth the terms and conditions for Navigator's provision of billing number information to BellSouth for inclusion in BellSouth's LIDB. Navigator understands that BellSouth provides access to information in its LIDB to various telecommunications service providers pursuant to applicable tariffs and agrees that information stored at the request of Navigator, pursuant to this Agreement, shall be available to those telecommunications service providers. The terms and conditions contained herein shall hereby be made a part of this Interconnection Agreement upon notice to Navigator's account team and/or Local

Contract Manager to activate this LIDB Storage Agreement. The General Terms and Conditions of the Interconnection/Resale Agreement shall govern this LIDB Storage Agreement.

- B. BellSouth will provide responses to on-line, call-by-call queries to billing number information for the following purposes:

1. Billed Number Screening

BellSouth is authorized to use the billing number information to determine whether Navigator has identified the billing number as one that should not be billed for collect or third number calls.

2. Calling Card Validation

BellSouth is authorized to validate a 14-digit Calling Card number where the first 10 digits are a line number or special billing number assigned by BellSouth and where the last four digits (PIN) are a security code assigned by BellSouth.

3. Fraud Control

BellSouth will provide seven days per week, 24-hours per day, fraud monitoring on Calling Cards, bill-to-third and collect calls made to numbers in BellSouth's LIDB, provided that such information is included in the LIDB query. BellSouth will establish fraud alert thresholds and will notify Navigator of fraud alerts so that Navigator may take action it deems appropriate.

**III. Responsibilities of the Parties**

- A. BellSouth will administer all data stored in the LIDB, including the data provided by Navigator pursuant to this Agreement, in the same manner as BellSouth's data for BellSouth's end user customers. BellSouth shall not be responsible to Navigator for any lost revenue which may result from BellSouth's administration of the LIDB pursuant to its established practices and procedures as they exist and as they may be changed by BellSouth in its sole discretion from time to time.

B. Billing and Collection Customers

BellSouth currently has in effect numerous billing and collection agreements with various interexchange carriers and billing clearinghouses and as such these billing and collection customers ("B&C Customers") query BellSouth's LIDB to determine whether to accept various billing options from end users. Until such time as BellSouth implements in its LIDB and its supporting systems the means to differentiate Navigator's data from BellSouth's data, the following terms and conditions shall apply:

1. Navigator will accept responsibility for telecommunications services billed by BellSouth for its B&C Customers for Navigator's End User accounts which are resident in LIDB pursuant to this Agreement. Navigator authorizes BellSouth to place such charges on Navigator's bill from BellSouth and shall pay all such charges including, but not limited to, collect and third number calls.
2. Charges for such services shall appear on a separate BellSouth bill page identified with the name of the B&C Customers for which BellSouth is billing the charge.
3. Navigator shall have the responsibility to render a billing statement to its End Users for these charges, but Navigator shall pay BellSouth for the charges billed regardless of whether Navigator collects from Navigator's End Users.
4. BellSouth shall have no obligation to become involved in any disputes between Navigator and B&C Customers. BellSouth will not issue adjustments for charges billed on behalf of any B&C Customer to Navigator. It shall be the responsibility of Navigator and the B&C Customers to negotiate and arrange for any appropriate adjustments.

**C. SPNP Arrangements**

1. BellSouth will include billing number information associated with exchange lines or SPNP arrangements in its LIDB. Navigator will request any toll billing exceptions via the Local Service Request (LSR) form used to order exchange lines, or the SPNP service request form used to order SPNP arrangements.
2. Under normal operating conditions, BellSouth shall include the billing number information in its LIDB upon completion of the service order establishing either the local exchange service or the SPNP arrangement, provided that BellSouth shall not be held responsible for any delay or failure in performance to the extent such delay or failure is caused by circumstances or conditions beyond BellSouth's reasonable control. BellSouth will store in its LIDB an unlimited volume of the working telephone numbers associated with either the local exchange lines or the SPNP arrangements. For local exchange lines or for SPNP arrangements, BellSouth will issue line-based calling cards only in the name of Navigator. BellSouth will not issue line-based calling cards in the name of Navigator's individual End Users. In the event that Navigator wants to include calling card numbers assigned by Navigator in the BellSouth LIDB, a separate agreement is required.

**V. Fees for Service and Taxes**

- A. Navigator will not be charged a fee for storage services provided by BellSouth to Navigator, as described in this LIDB Facilities Based Storage Agreement.
- B. Sales, use and all other taxes (excluding taxes on BellSouth's income) determined by BellSouth or any taxing authority to be due to any federal, state or local taxing

jurisdiction with respect to the provision of the service set forth herein will be paid by Navigator in accordance with the tax provisions set forth in the General Terms and Conditions of this Agreement.

UNBUNDLED NETWORK ELEMENTS - Alabama														Attachment: 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	OSS RATES (\$)				Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l		
						Nonrecurring				SOMEK	SOMAN	SOMAN	SOMAN				
						First	Add'l										
The "Zone" shown in the sections for stand-alone loops or loops as part of a combination refers to Geographically Deaveraged UNE Zone Designations by Central Office, refer to Internet Website: <a href="http://www.interconnection.bellsouth.com/bcsone_a_electronicinterconnection.htm">http://www.interconnection.bellsouth.com/bcsone_a_electronicinterconnection.htm</a>																	
OPERATIONAL SUPPORT SYSTEMS																	
NOTE: (1) Electronic Service Order: CLEC should contact its contract negotiator if it prefers the state specific electronic service ordering charges as ordered by the State Commissions. The electronic service ordering charge currently contained in this rate exhibit is the BellSouth regional electronic service ordering charge. CLEC may elect either the state specific Commission ordered rates for the electronic service ordering charges, or CLEC may elect the regional electronic service ordering charge.																	
NOTE: (2) Any element that can be ordered electronically will be billed according to the SOMEK rate listed in this category. Please refer to BellSouth's Business Rules for Local Ordering (BSR-LO) to determine if a product can be ordered electronically. For those elements that cannot be ordered electronically at present per the BSR-LO, the listed SOMEK rate in this category reflects the charge that would be billed to a CLEC once electronic ordering capabilities come on-line for that element. Otherwise, the manual ordering charge, SOMAN, will be applied to a CLEC's bill when it submits an LSR to BellSouth.																	
(Electronic OSS Charge, per LSR, submitted via BSR's OSS)																	
Interactive Interfaces (Regional)																	
UNBUNDLED EXCHANGE ACCESS LOOP																	
2-WIRE ANALOG VOICE GRADE LOOP																	
	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 1		1	UEANL	UEAL2		15.24	59.03	43.14	15.21	27.37	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 2		2	UEANL	UEAL2		24.75	59.03	43.14	15.21	27.37	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 1 - Zone 3		3	UEANL	UEAL2		44.85	59.03	43.14	15.21	27.37	12.97	17.77	17.77			
	Loop Testing - Basic 1st Half Hour			UEANL	URET1			78.92	23.33		27.37	12.97	17.77	17.77			
	Loop Testing - Basic Additional Half Hour			UEANL	URET1A			23.33	23.33		27.37	12.97	17.77	17.77			
	CLEC to CLEC Conversion Charge Without Outside Dispatch (UML-SL1)			UEANL	UREWO			48.12	22.02								
	Engineering Information Document (EID)			UEANL	UEANL			28.75	28.75								
	Manual Order Coordination for UML-SL1s (per loop)			UEANL	UEAMC			51.29	51.29								
	Order Coordination for Specified Conversion Time for UML-SL1 (per LSR)			UEANL	OCOSL			45.99	45.99								
2-WIRE UNBUNDLED COPPER LOOP																	
	2-Wire Unbundled Copper Loop - Non-Designed Zone 1		1	UEQ	UEQ2X		11.01	44.69	22.40	25.65	27.37	12.97	17.77	17.77			
	2-Wire Unbundled Copper Loop - Non-Designed - Zone 2		2	UEQ	UEQ2X		12.67	44.69	22.40	25.65	27.37	12.97	17.77	17.77			
	2-Wire Unbundled Copper Loop - Non-Designed - Zone 3		3	UEQ	UEQ2X		20.22	44.69	22.40	25.65	27.37	12.97	17.77	17.77			
	Order Coordination 2 Wire Unbundled Copper Loop - Non-Designed (per loop)			UEQ	USBMC			51.29	51.29		27.37	12.97	17.77	17.77			
	Engineering Information Document			UEQ	UEQ			28.75	28.75		27.37	12.97	17.77	17.77			
	Loop Testing - Basic 1st Half Hour			UEQ	URET1			78.92	78.92		27.37	12.97	17.77	17.77			
	Loop Testing - Basic Additional Half Hour			UEQ	URET1A			23.33	23.33		27.37	12.97	17.77	17.77			
	CLEC to CLEC Conversion Charge Without Outside Dispatch (UML-SL1)			UEQ	UREWO			44.69	22.02		18.84	8.42					
UNBUNDLED EXCHANGE ACCESS LOOP																	
2-WIRE ANALOG VOICE GRADE LOOP																	
	2-Wire Analog Voice Grade Loop - Service Level 1 - Line Splitting - Zone 1		1	UEPSR UEPSB	UEALS		18.24	75.82	35.11	46.98	10.59	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 1 - Line Splitting - Zone 2		2	UEPSR UEPSB	UEALS		25.22	75.82	35.11	46.98	10.59	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 1 - Line Splitting - Zone 3		3	UEPSR UEPSB	UEALS		33.70	75.82	35.11	46.98	10.59	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 1 - Line Splitting - Zone 3		3	UEPSR UEPSB	UEALS		33.70	75.82	35.11	46.98	10.59	12.97	17.77	17.77			
UNBUNDLED EXCHANGE ACCESS LOOP																	
2-WIRE ANALOG VOICE GRADE LOOP																	
	2-Wire Analog Voice Grade Loop - Service Level 2 w/loop or Ground Start Signaling - Zone 1		1	UEA	UEAL2		17.05	145.46	108.40	40.31	27.37	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 2 w/loop or Ground Start Signaling - Zone 2		2	UEA	UEAL2		28.16	145.46	108.40	40.31	27.37	12.97	17.77	17.77			
	2-Wire Analog Voice Grade Loop - Service Level 2 w/loop or Ground Start Signaling - Zone 3		3	UEA	UEAL2		52.94	145.46	108.40	40.31	27.37	12.97	17.77	17.77			
	Order Coordination for Specified Conversion Time (per LSR)			UEA	OCOSL			45.99									



UNBUNDLED NETWORK ELEMENTS - Alabama														Exhibit B					
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually Elec per LSR	Svc Order Submitted Manually per LSR	Attachment 2		Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Add'l		
						Nonrecurring				OSS RATES (\$)									
						First	Adg'l			SOMAN	SOMAN							SOMAN	SOMAN
						Rac	First			Adg'l	SOMAN							SOMAN	SOMAN
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse		1	UEA	UEAR2	17.95	145.46	108.40	40.31	26.01	27.37	12.97	17.77	17.77					
	Battery Signaling - Zone 1																		
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse		2	UEA	UEAR2	29.16	145.46	108.40	40.31	26.01	27.37	12.97	17.77	17.77					
	Battery Signaling - Zone 2																		
	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse		3	UEA	UEAR2	52.84	145.46	108.40	40.31	26.01	27.37	12.97	17.77	17.77					
	Battery Signaling - Zone 3																		
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	4-WIRE ANALOG VOICE GRADE LOOP																		
	4-Wire Analog Voice Grade Loop - Zone 1		1	UEA	UEAL4	24.01	293.70	241.76	108.95	57.01	27.37	12.97	17.77	17.77					
	4-Wire Analog Voice Grade Loop - Zone 2		2	UEA	UEAL4	39.00	293.70	241.76	108.95	57.01	27.37	12.97	17.77	17.77					
	4-Wire Analog Voice Grade Loop - Zone 3		3	UEA	UEAL4	70.67	293.70	241.76	108.95	57.01	27.37	12.97	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	2-WIRE ISDN DIGITAL GRADE LOOP																		
	2-Wire ISDN Digital Grade Loop - Zone 1		1	UDN	UDL2X	23.23	331.85	255.87	108.95	57.01	27.37	12.97	17.77	17.77					
	2-Wire ISDN Digital Grade Loop - Zone 2		2	UDN	UDL2X	37.74	331.85	255.87	108.95	57.01	27.37	12.97	17.77	17.77					
	2-Wire ISDN Digital Grade Loop - Zone 3		3	UDN	UDL2X	68.38	331.85	255.87	108.95	57.01	27.37	12.97	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	2-WIRE UNIVERSAL DIGITAL CHANNEL (UDC) COMPATIBLE LOOP																		
	2-Wire Universal Digital Channel (UDC) Compatible Loop - Zone 1		1	UDC	UDC2X	16.84	104.17	78.10	108.95	57.01	18.94	8.42	17.77	17.77					
	2-Wire Universal Digital Channel (UDC) Compatible Loop - Zone 2		2	UDC	UDC2X	19.45	104.17	78.10	108.95	57.01	18.94	8.42	17.77	17.77					
	2-Wire Universal Digital Channel (UDC) Compatible Loop - Zone 3		3	UDC	UDC2X	30.92	104.17	78.10	108.95	57.01	18.94	8.42	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP																		
	2-Wire Unbundled ADSL Loop including manual service inquiry		1	UAL	UAL2X	12.09	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	2-Wire Unbundled ADSL Loop including manual service inquiry		2	UAL	UAL2X	19.64	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	2-Wire Unbundled ADSL Loop including manual service inquiry		3	UAL	UAL2X	35.59	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP																		
	2-Wire Unbundled HDSL Loop including manual service inquiry		1	UHL	UHL2X	9.41	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	2-Wire Unbundled HDSL Loop including manual service inquiry		2	UHL	UHL2X	15.29	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	2-Wire Unbundled HDSL Loop including manual service inquiry		3	UHL	UHL2X	27.70	514.21	464.58	106.65	56.98	27.37	12.97	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		
	2-Wire Unbundled HDSL Loop including manual service inquiry		1	UHL	UHL2W	9.41	222.20	146.40	100.52	15.82	27.37	12.97	17.77	17.77					
	2-Wire Unbundled HDSL Loop including manual service inquiry		2	UHL	UHL2W	15.29	222.20	146.40	100.52	15.82	27.37	12.97	17.77	17.77					
	2-Wire Unbundled HDSL Loop including manual service inquiry		3	UHL	UHL2W	27.70	222.20	146.40	100.52	15.82	27.37	12.97	17.77	17.77					
	Order Coordination for Specified Conversion Time (per LSR)																		
	CLEC to CLEC Conversion Charge without outside dispatch																		

UNBUNDLED NETWORK ELEMENTS - Alabama															Attachment 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	OSS RATES (\$)				Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Adt1
						Rec	Nonrecurring		Nonrecurring Adt1			SOMAN	SOMAN	SOMAN	SOMAN			
							First	Adt1										
	CLEC to CLEC Conversion Charge without outside dispatch				UREWO		137.79	29.34					27.37	12.97	17.77	17.77		
4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1		1	UHL		11.52	541.13	491.50	106.65	56.96			27.37	12.97	17.77	17.77		
	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 2		2	UHL		18.71	541.13	491.50	106.65	56.96			27.37	12.97	17.77	17.77		
	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3		3	UHL		33.90	541.13	491.50	106.65	56.96			27.37	12.97	17.77	17.77		
	Order Coordination for Specified Conversion Time (per LSR)				OCOSL		45.59											
	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1		1	UHL		11.52	279.39	203.59	109.99	20.70			27.37	12.97	17.77	17.77		
	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2		2	UHL		18.71	279.39	203.59	109.99	20.70			27.37	12.97	17.77	17.77		
	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3		3	UHL		33.90	279.39	203.59	109.99	20.70			27.37	12.97	17.77	17.77		
	Order Coordination for Specified Conversion Time (per LSR)				OCOSL		45.59											
	CLEC to CLEC Conversion Charge without outside dispatch				UREWO		137.79	29.34					27.37	12.97	17.77	17.77		
	4-WIRE DS1 DIGITAL LOOP																	
	4-Wire DS1 Digital Loop - Zone 1		1	USL		51.74	610.13	380.26	134.77	55.97			27.37	12.97	17.77	17.77		
	4-Wire DS1 Digital Loop - Zone 2		2	USL		84.05	610.13	380.26	134.77	55.97			27.37	12.97	17.77	17.77		
	4-Wire DS1 Digital Loop - Zone 3		3	USL		152.29	610.13	380.26	134.77	55.97			27.37	12.97	17.77	17.77		
	Order Coordination for Specified Conversion Time (per LSR)				OCOSL		45.59											
	CLEC to CLEC Conversion Charge without outside dispatch				UREWO		130.27	40.05					27.37	12.97	17.77	17.77		
	4-WIRE 19.2, 56 OR 64 Kbps DIGITAL GRADE LOOP																	
	4 Wire Unbundled Digital 19.2 Kbps		1	UDL		19.19	27.33	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77	
	4 Wire Unbundled Digital 19.2 Kbps		2	UDL		19.19	44.40	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77	
	4 Wire Unbundled Digital 19.2 Kbps		3	UDL		19.19	80.45	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77	
	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1		1	UDL		56.19	27.33	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77	
4 Wire Unbundled Digital Loop 56 Kbps - Zone 2		2	UDL		56.19	44.40	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77		
4 Wire Unbundled Digital Loop 56 Kbps - Zone 3		3	UDL		56.19	80.45	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77		
Order Coordination for Specified Conversion Time (per LSR)				OCOSL		45.59												
4 Wire Unbundled Digital Loop 64 Kbps - Zone 1		1	UDL		64.19	27.33	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77		
4 Wire Unbundled Digital Loop 64 Kbps - Zone 2		2	UDL		64.19	44.40	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77		
4 Wire Unbundled Digital Loop 64 Kbps - Zone 3		3	UDL		64.19	80.45	498.05	343.70	129.62	64.25			27.37	12.97	17.77	17.77		
Order Coordination for Specified Conversion Time (per LSR)				OCOSL		45.59												
CLEC to CLEC Conversion Charge without outside dispatch				UREWO		131.69	36.69					27.37	12.97	17.77	17.77			
2-WIRE UNBUNDLED COPPER LOOP																		
2-Wire Unbundled Copper Loop/Short including manual service inquiry & facility reservation - Zone 1		1	UCL		UCLPB	11.90	283.37	163.68	120.15	22.37			18.94	8.42				
2-Wire Unbundled Copper Loop/Short including manual service inquiry & facility reservation - Zone 2		2	UCL		UCLPB	13.74	283.37	163.68	120.15	22.37			18.94	8.42				
2-Wire Unbundled Copper Loop/Short including manual service inquiry & facility reservation - Zone 3		3	UCL		UCLPB	21.83	283.37	163.68	120.15	22.37			18.94	8.42				
Order Coordination for Unbundled Copper Loops (per loop)				UCL	UCLMC		36.46											
2-Wire Unbundled Copper Loop/Short without manual service inquiry and facility reservation - Zone 1		1	UCL		UCLPW	11.90	104.17	78.10					18.94	8.42				
2-Wire Unbundled Copper Loop/Short without manual service inquiry and facility reservation - Zone 2		2	UCL		UCLPW	13.74	104.17	78.10					18.94	8.42				
2-Wire Unbundled Copper Loop/Short without manual service inquiry and facility reservation - Zone 3		3	UCL		UCLPW	21.83	104.17	78.10					18.94	8.42				
Order Coordination for Unbundled Copper Loops (per loop)				UCL	UCLMC		36.46											
2-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 1		1	UCL		UCL2L	35.43	270.28	150.59	120.15	22.37			18.94	8.42				
2-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 2		2	UCL		UCL2L	40.91	270.28	150.59	120.15	22.37			18.94	8.42				
2-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 3		3	UCL		UCL2L	65.02	270.28	150.59	120.15	22.37			18.94	8.42				
Order Coordination for Unbundled Copper Loops (per loop)				UCL	UCLMC		36.46											

UNBUNDLED NETWORK ELEMENTS - Alabama																	Exhibit: B	
CATEGORY	RATE ELEMENTS	Initial In	Zone	BCS	USOC	RATES (\$)					Attachment 2					Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Add'l
						Rec	Nonrecurring		Nonrecurring Disconnect	Svc Order Submitted Manually per LSR	Svc Order Submitted Electronically per LSR	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Add'l				
							First	Add'l										
															First			
	2-Wire Unbundled Copper Loop/Long - without manual service inquiry and facility reservation - Zone 1	1	1	UCL	UCL2W	35.43	104.17	78.10							18.94	8.42		
	2-Wire Unbundled Copper Loop/Long - without manual service inquiry and facility reservation - Zone 2	1	2	UCL	UCL2W	40.91	104.17	78.10							18.94	8.42		
	2-Wire Unbundled Copper Loop/Long - without manual service inquiry and facility reservation - Zone 3	1	3	UCL	UCL2W	65.02	104.17	78.10							18.94	8.42		
	Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.46	36.46										
	CLEC to CLEC Conversion Charge without outside dispatch (UCL-Des)			UCL	UCLMC		36.46	36.46										
	4-WIRE COPPER LOOP																	
	4-Wire Copper Loop/Short - including manual service inquiry and facility reservation - Zone 1		1	UCL	UCL4S	16.65	331.78	212.09	130.69	27.60					18.94	8.42		
	4-Wire Copper Loop/Short - including manual service inquiry and facility reservation - Zone 2		2	UCL	UCL4S	19.22	331.78	212.09	130.69	27.60					18.94	8.42		
	4-Wire Copper Loop/Short - including manual service inquiry and facility reservation - Zone 3		3	UCL	UCL4S	30.55	331.78	212.09	130.69	27.60					18.94	8.42		
	Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.46	36.46										
	4-Wire Copper Loop/Short - without manual service inquiry and facility reservation - Zone 1		1	UCL	UCL4W	16.65	104.17	78.10							18.94	8.42		
	4-Wire Copper Loop/Short - without manual service inquiry and facility reservation - Zone 2		2	UCL	UCL4W	19.22	104.17	78.10							18.94	8.42		
	4-Wire Copper Loop/Short - without manual service inquiry and facility reservation - Zone 3		3	UCL	UCL4W	30.55	104.17	78.10							18.94	8.42		
	Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.46	36.46										
	4-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 1		1	UCL	UCL4L	47.56	318.70	199.00	130.69	27.60					18.94	8.42		
	4-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 2		2	UCL	UCL4L	54.92	318.70	199.00	130.69	27.60					18.94	8.42		
	4-Wire Unbundled Copper Loop/Long - includes manual svc. inquiry and facility reservation - Zone 3		3	UCL	UCL4L	87.30	318.70	199.00	130.69	27.60					18.94	8.42		
	Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.46	36.46										
	4-Wire Unbundled Copper Loop/Long - without manual svc. inquiry and facility reservation - Zone 1		1	UCL	UCL4O	47.56	104.17	78.10							18.94	8.42		
	4-Wire Unbundled Copper Loop/Long - without manual svc. inquiry and facility reservation - Zone 2		2	UCL	UCL4O	54.92	104.17	78.10							18.94	8.42		
	4-Wire Unbundled Copper Loop/Long - without manual svc. inquiry and facility reservation - Zone 3		3	UCL	UCL4O	87.30	104.17	78.10							18.94	8.42		
	Order Coordination for Unbundled Copper Loops (per loop)			UCL	UCLMC		36.46	36.46										
	CLEC to CLEC conversion Charge without outside dispatch			UCL	UCLMC		36.46	36.46										
	LOOP MODIFICATION																	
	Unbundled Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft		1	UCL	UCL	67.39	67.39	67.39							27.37	12.97	17.77	
	Unbundled Loop Modification, Removal of Load Coils - 2 Wire greater than 18k ft		1	UCL	UCL	337.50	337.50	337.50							27.37	12.97	17.77	
	Unbundled Loop Modification, Removal of Load Coils - 4 Wire less than or equal to 18k ft		1	UCL	UCL	67.39	67.39	67.39							27.37	12.97	17.77	
	Unbundled Loop Modification, Removal of Load Coils - 4 Wire pair greater than 18k ft		1	UCL	UCL	337.50	337.50	337.50							27.37	12.97	17.77	
	Unbundled Loop Modification, Removal of Bridged Tap Removal, per unbundled loop		1	UCL	UCL	78.10	78.10	78.10							27.37	12.97	17.77	
	SUB-LOOPS																	
	Sub-Loop Distribution																	
	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up		1	UEANL	UEBSA	421.08	421.08	421.08							18.94	8.42		
	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up		1	UEANL	UESSB	67.10	67.10	67.10							18.94	8.42		
	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up		1	UEANL	UEBSC	394.74	394.74	394.74							18.94	8.42		

UNBUNDLED NETWORK ELEMENTS - Alabama																	Attachment: 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)				OSS RATES (\$)				Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l				
						Rec	Nonrecurring		First	Disconnect	SOMEC	SOMAN	SOMAN				SOMAN			
							First	Add'l												
	Sub-Loop - Far Building Equipment Room - Per 25 Pair Panel Set-Up	I		UEANL	USBSDD			154.57		154.57				18.94	8.42					
	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Statewide		SW	UEANL	USBN2		9.12	207.01		171.32				18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC			45.99		45.99										
	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Statewide		SW	UEANL	USBN4		8.32	219.35		72.99		28.77		18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC			45.99		45.99				18.94	8.42					
	Sub-Loop 2-Wire Intra-Building Network Cable (INC)	I		UEANL	USBF2		1.61	137.03		41.59		19.17		18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC			45.99		45.99										
	Sub-Loop 4-Wire Intra-Building Network Cable (INC)	I		UEANL	USBF4		2.96	176.46		55.11		19.57		18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEANL	USBMC			45.99		45.99										
	2 Wire Copper Unbundled Sub-Loop Distribution - Statewide		SW	UEF	UCSDX		5.64	175.16		55.50		108.06		18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEF	USBMC			45.99		45.99										
	4 Wire Copper Unbundled Sub-Loop Distribution - Statewide		SW	UEF	UCSAX		6.89	219.35		72.99		28.77		18.94	8.42					
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair			UEF	USBMC			45.99		45.99										
	Unbundled Sub-Loop Modification																			
	Unbundled Sub-Loop Modification - 2-W Copper Dist Load			UEF	ULM2X			355.71		12.26				18.94	8.42					
	Coil/Equip Removal per 2-W PR																			
	Unbundled Sub-loop Modification - 4-W Copper Dist Load			UEF	ULM4X			355.71		12.26				18.94	8.42					
	Coil/Equip Removal per 4-W PR																			
	Unbundled Sub-loop Modification - 2-w/4-w Copper Dist Bridged Tap Removal, per PR unloaded			UEF	ULM4T			560.55		14.30				18.94	8.42					
	Unbundled Network Terminating Wire (UNTW)																			
	Unbundled Network Terminating Wire (UNTW) per Pair			UENTW	UENPP		1.37	2.48		2.48		1.74		18.94	8.42					
	Network Interface Device (NID)																			
	Network Interface Device (NID) - 1-2 lines			UENTW	UND12			98.46		56.75				18.94	8.42					
	Network Interface Device (NID) - 1-6 lines			UENTW	UND16			127.93		98.21				18.94	8.42					
	Network Interface Device Cross Connect - 2 W			UENTW	UND12			11.73		11.73				18.94	8.42					
	Network Interface Device Cross Connect - 4W			UENTW	UND12			11.73		11.73				18.94	8.42					
SUB-LOOPS																				
	Sub-Loop Feeder																			
	USL Feeder, DS0 Set-up per Cross Box location - CLEC			UEA, UDN, UCL, UDL	USBFW			421.08						18.94	8.42					
	Distribution Facility set-up																			
	USL Feeder - DS0 Set-up per Cross Box location - per 25 pair set-up			UEA, UDN, UCL, UDL	USBFX			67.10		67.10				18.94	8.42					
	USL Feeder DS1 Set-up at DSX location, per DS1 termination			USL	USBFZ			519.95		11.32				18.94	8.42					
	Unbundled Sub-Loop Feeder Loop, 2 Wire Ground-Start, Voice Grade - Statewide		SW	UEA	USBFA		8.58	206.44		170.05		27.04		18.94	8.42					
	Order Coordination for Specified Conversion Time, per LSR			UEA	OCOSL			45.99												
	Unbundled Sub-Loop Feeder Loop, 2 Wire Loop-Start, Voice Grade - Statewide		SW	UEA	USBFB		8.58	206.44		170.05		27.04		18.94	8.42					
	Order Coordination for Specified Time Conversion, per LSR			UEA	OCOSL			45.99												
	Unbundled Sub-Loop Feeder Loop, 2 Wire Reverse Battery, Voice Grade Loop - Statewide		SW	UEA	USBFC		8.58	206.44		170.05		27.04		18.94	8.42					
	Order Coordination for Specified Conversion Time, per LSR			UEA	OCOSL			45.99												
	Unbundled Sub-Loop Feeder Loop, 4 Wire Ground-Start, Voice Grade - Statewide		SW	UEA	USBFD		19.91	243.41		81.32		33.93		18.94	8.42					
	Order Coordination for Specified Conversion Time, per LSR			UEA	OCOSL			45.99												
	Unbundled Sub-Loop Feeder Loop, 4 Wire Loop-Start, Voice Grade - Statewide		SW	UEA	USBFE		19.91	243.41		81.32		33.93		18.94	8.42					
	Order Coordination for Specified Conversion Time, per LSR			UEA	OCOSL			45.99												

UNBUNDLED NETWORK ELEMENTS - Alabama													Attachment: 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	OSS RATES (\$)					
						Rec	Nonrecurring				Disconnect Add'l	SOMEK	SOMAN	Incremental Charge - Manual Svc Order vs. Electronic- 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	
							First	Add'l								
SUB-LOOPS	Unbundled Sub-Loop Feeder Loop, 2-Wire ISDN BRI - Statewide		SW	UDN	USBF5	17.73	208.50	62.31	119.68	29.58		19.99	19.99	19.99		
	Order Coordination For Specified Conversion Time, Per LSR			UDN	OCOSL		45.99									
	Unbundled Sub-Loop Feeder, 2 Wire UDC (DSL compatible)		SW	UDC	USBF5	17.73	208.50	62.31	119.68	29.58		19.99	19.99	19.99		
	Order Coordination For Specified Conversion Time, per LSR			UDC	OCOSL		45.99									
	Unbundled Sub-Loop Feeder Loop, 4-Wire DS1 - Statewide		SW	USL	USBF5	79.30	203.69	128.76	124.09	34.80		19.99	19.99	19.99		
	Order Coordination For Specified Conversion Time, Per LSR			USL	OCOSL		45.99									
	Unbundled Sub-Loop Feeder Loop, 2-Wire Copper Loop - Statewide		SW	UDL	USBFH	7.22	195.38	63.15	119.68	29.58		18.94	8.42			
	Order Coordination For Specified Conversion Time, Per LSR			UDL	OCOSL		45.99									
	Sub-Loop Feeder - Per 4-Wire Copper Loop - Statewide		SW	UDL	USBFJ	13.72	243.41	81.32	134.77	33.93		18.94	8.42			
	Order Coordination For Specified Conversion Time, per LSR			UDL	OCOSL		45.99									
	Unbundled Sub-Loop Feeder - Per 4-Wire 56 Kbps Digital Grade Loop - Statewide		SW	UDL	USBFN	24.50	243.41	81.32	134.77	33.93		19.99	19.99	19.99		
	Order Coordination For Specified Conversion Time, per LSR			UDL	OCOSL		45.99									
	Sub-Loop Feeder - Per 4-Wire 64 Kbps Digital Grade Loop - Statewide		SW	UDL	USBFN	24.50	243.41	81.32	134.77	33.93		19.99	19.99	19.99		
	Order Coordination For Specified Conversion Time, per LSR			UDL	OCOSL		45.99									
	Sub-Loop Feeder - DS3 - Facility Termination Protection Per Month			UES	1LSL	13.55										
	Sub-Loop Feeder - DS3 - Facility Termination Per Month			UES	USBF1	332.40	3,384.00	407.00	160.47	90.97		31.31	31.31	3.93	3.93	
	Sub-Loop Feeder - STS-1 - Per Mile Per Month			UDLSX	1LSL	13.55										
	Sub-Loop Feeder - STS-1 - Facility Termination Protection Per Month			UDLSX	USBF7	367.96	3,384.00	407.00	160.47	90.97		31.31	31.31	3.93	3.93	
	Sub-Loop Feeder - OC-3 - Per Mile Per Month			UDLO3	1LSL	10.99										
	Sub-Loop Feeder - OC-3 - Facility Termination Protection Per Month			UDLO3	USBF5	54.89										
	Sub-Loop Feeder - OC-3 - Facility Termination Protection Per Month			UDLO3	USBF2	538.69	3,384.00	407.00	160.47	90.97		31.31	31.31	3.93	3.93	
	Sub-Loop Feeder - OC-12 - Per Mile Per Month			UDL12	1LSL	12.86										
	Sub-Loop Feeder - OC-12 - Facility Termination Protection Per Month			UDL12	USBF6	620.18	3,384.00	407.00	160.47	90.97		31.31	31.31	3.93	3.93	
	Sub-Loop Feeder - OC-48 - Per Mile Per Month			UDL48	1LSL	41.51										
	Sub-Loop Feeder - OC-48 - Facility Termination Protection Per Month			UDL48	USBF9	310.30										
Sub-Loop Feeder - OC-48 - Facility Termination Protection Per Month			UDL48	USBF4	1,495.00	3,570.00	407.00	160.47	90.97		31.31	31.31	3.93	3.93		
Sub-Loop Feeder - OC-48 - Facility Termination Protection Per Month			UDL48	USBF8	950.09	768.09	407.00	160.47	90.97		31.31	31.31	3.93	3.93		
UNBUNDLED LOOP CONCENTRATION	Unbundled Loop Concentration - System A (TR000)			ULC	UCTRA	441.42	650.81	650.81				19.99	19.99	19.99		
	Unbundled Loop Concentration - System B (TR008)			ULC	UCTB	52.97	271.17	271.17				19.99	19.99	19.99		
	Unbundled Loop Concentration - System A (TR300)			ULC	UCTSA	478.93	650.81	650.81				19.99	19.99	19.99		
	Unbundled Loop Concentration - System B (TR300)			ULC	UCTSB	89.26	271.17	271.17				19.99	19.99	19.99		
	Unbundled Loop Concentration - DS1 Loop Interface Card			ULC	UCTCO	5.04	128.57	82.14	33.57	9.40		19.99	19.99	19.99		
	Unbundled Loop Concentration - ISDN Loop Interface (Brite Card)			UDN	ULDC1	8.00	21.07	20.96	10.78	10.71		19.99	19.99	19.99		
	Unbundled Loop Concentration - UDC Loop Interface (Brite Card)			UDC	ULDCU	8.00	21.07	20.96	10.78	10.71		19.99	19.99	19.99		
	Unbundled Loop Concentration - 2 Wire Voice Loop Start or Ground Start Loop Interface (POTS Card)			UEA	ULDC2	2.00	21.07	20.96	10.78	10.71		18.94	8.42			
	Unbundled Loop Concentration - 2 Wire Voice - Reverse Battery Loop Interface (SFOIS Card)			UEA	ULDCR	11.89	21.07	20.96	10.78	10.71		18.94	8.42			
	Unbundled Loop Concentration - 4 Wire Voice Loop Interface (Specials Card)			UEA	ULDC4	7.09	21.07	20.96	10.78	10.71		18.94	8.42			
	Unbundled Loop Concentration - TEST CIRCUIT Card		ULC	UCTTC	34.67	21.07	20.96	10.78	10.71		19.99	19.99	19.99	19.99		
	Unbundled Loop Concentration - Digital 19.2 Kbps Data Loop Interface		UDL	ULDC7	10.51	21.07	20.96	10.78	10.71		19.99	19.99	19.99	19.99		
	Unbundled Loop Concentration - Digital 56 Kbps Data Loop Interface		UDL	ULDC5	10.51	21.07	20.96	10.78	10.71		19.99	19.99	19.99	19.99		

UNBUNDLED NETWORK ELEMENTS - Alabama													Attachment: 2		Exhibit: B	
CATEGORY	RATE ELEMENTS	Intent m	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Electronically per LSR	OSS RATES (\$)				Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	Incremental Charge - Manual Svc Order vs. Electronic-Disc Add'l	
						Nonrecurring				Nonrecurring First	Disconnect Add'l	SOMAN	SOMAN			SOMAN
						First	Add'l									
	Unbundled Loop Concentration - Digital 64 Kbps Data Loop Interface				UDL	10.51	21.07	20.96	10.78	10.71			19.99	19.99		
LINE OTHER, PROVISIONING ONLY - NO RATE																
IND - Dispatch and Service Order for NO installation					UNDTW											
UNDTW Circuit Id Establishment, Provisioning Only - No Rate					UNDTW											
Unbundled Contract Name, Provisioning Only - No Rate					UEANL UEFL UEOL UEONEON											
LINE OTHER, PROVISIONING ONLY - NO RATE																
Unbundled Contact Name, Provisioning Only - no rate					UAL UCL UDC UDL UONEON	0.00	0.00									
Unbundled Sub-Loop Feeder-2 Wire Cross Box Jumper - no rate					UEA UDN UCL UDC USBFQ	0.00	0.00									
Unbundled Sub-Loop Feeder-4 Wire Cross Box Jumper - no rate					UEA UDL UCL UDL USBFR	0.00	0.00									
Unbundled DS1 Loop - Superframe Format Option - no rate					UEA UDL UCL UDL CCOOSF	0.00	0.00									
Unbundled DS1 Loop - Expanded Superframe Format option - no rate					USL	0.00	0.00									
no rate					USL	0.00	0.00									
HIGH CAPACITY UNBUNDLED LOCAL LOOP																
NOTE: 4 month minimum billing period																
High Capacity Unbundled Local Loop - DSS - Per Mile per month					UE3	10.16										
High Capacity Unbundled Local Loop - DSS - Facility Termination per month					UE3	374.52	903.03	527.87	238.97	167.16			31.31	3.93		
High Capacity Unbundled Local Loop - STS-1 - Per Mile per month					UDLSX	10.16										
High Capacity Unbundled Local Loop - STS-1 - Facility Termination per month					UDLSX	387.87	903.03	527.87	238.97	167.16			31.31	3.93		
LOOP MAKE-UP																
Loop Makeup - Preordering Without Reservation, per working or spare facility queued (Manual)					UNKLW		131.22									
Loop Makeup - Preordering With Reservation, per spare facility queued (Manual)					UNKLW		136.93									
Loop Makeup - With or Without Reservation, per working or spare facility queued (Mechanized)					UNKLW		0.9809855									
HIGH FREQUENCY SPECTRUM																
SPLITTERS-CENTRAL OFFICE BASED																
Line Sharing Splitter, per System 96 Line Capacity					ULSDA	178.25	377.58	0.00	355.96	0.00			27.37	17.77		
Line Sharing Splitter, per System 24 Line Capacity					ULSDA	44.56	377.58	0.00	355.96	0.00			27.37	17.77		
Line Sharing Splitter, per System, 8 Line Capacity					ULSDA	12.73	377.58	0.00	355.96	0.00			27.37	17.77		
Line Sharing DLEC Owned Splitter in CO-CA activation - (activation per LSOD)					ULSDG		172.94		99.67				27.37	17.77		
END USER ORDERING-CENTRAL OFFICE BASED-HIGH FREQUENCY SPECTRUM AKA LINE SHARING																
Line Sharing - per Line Activation (BST Owned Splitter)					ULSDC	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
Line Sharing - per Subsequent Activity per Line					ULSDS		32.77	16.37					27.37	17.77		
Resequencing(BST Owned Splitter)					ULSDS		32.77	16.37					27.37	17.77		
Line Sharing - per Subsequent Activity per Line					ULSDC		47.44	19.31	20.02	9.83			27.37	17.77		
Resequencing(DLEC Owned Splitter)					ULSDC	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
Line Sharing - per Line Activation (DLEC owned Splitter)					ULSDS	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
Line Splitting - per Line Activation DLEC owned splitter					ULSDS	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
Line Splitting - per Line Activation DLEC owned - physical					ULSDS	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
Line Splitting - per Line Activation BST owned - virtual					ULSDS	0.61	37.01	21.19	20.02	9.83			27.37	17.77		
UNBUNDLED TRANSPORT																
INTEROFFICE CHANNEL - DEDICATED TRANSPORT - VOICE GRADE																
Interface Channel - Dedicated Transport - 2-Wire Voice Grade - Per Mile per month					UHTVX	0.0101							31.31	3.93		
Interface Channel - Dedicated Transport - 2-Wire Voice Grade - Facility Termination per month					UHTV2	24.15	81.07	54.82	33.47	13.79						
Interface Channel - Dedicated Transport 1-2-Wire Voice Grade - Per Mile per month					UHTVX	0.0101										





UNBUNDLED NETWORK ELEMENTS - Alabama																Attachment: 2		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interf m	BCS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic Disc Add'l				Incremental Charge - Manual Svc Order vs. Electronic Disc Add'l	Incremental Charge - Manual Svc Order vs. Electronic Disc Add'l			
					Nonrecurring		Nonrecurring Disconnected First	Add'l			OSS RATES (\$)								
					First	Add'l					SOMEC	SOMAN	SOMAN	SOMAN			SOMAN	SOMAN	
DARK FIBER	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Channel																		
	NFC Dark Fiber - Local Channel	UDF		115DC															
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Interoffice Channel	UDF		UDFCA															
	NFC Dark Fiber - Interoffice Channel	UDF		115DF															
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Loop	UDF		UDF14															
	NFC Dark Fiber - Local Loop	UDF		115DL															
	NFC Dark Fiber - Local Loop	UDF		UDF14															
TRANSPORT OTHER																			
	Optional Features & Functions:																		
8XX ACCESS TEN DIGIT SCREENING	8XX Access Ten Digit Screening, Per Call																		
	8XX Access Ten Digit Screening, Reservation Charge Per 8XX Number Reserved	OHD																	
	8XX Access Ten Digit Screening, Per 8XX No. Established W/O POTS Translations	OHD		N8R1X															
	8XX Access Ten Digit Screening, Per 8XX No. Established With POTS Translations	OHD																	
	8XX Access Ten Digit Screening, Customized Area of Service Per 8XX Number	OHD		N8FCX															
	8XX Access Ten Digit Screening, Multiple IntraLATA CIR Routing Per CIR Requested Per 8XX No.	OHD		N8FAX															
	8XX Access Ten Digit Screening, Change Charge Per Request	OHD		N8FAX															
	8XX Access Ten Digit Screening, Call Handling and Destination Features	OHD		N8FDX															
LINE INFORMATION DATA BASE ACCESS (LIDB)																			
	LIDB Common Transport Per Query	OCQ																	
	LIDB Validation Per Query	OCQ																	
	LIDB Originating Point Code Establishment or Change	OCQ, OCQ		N8RFX															
SIGNALING (CSST)																			
	CSST Signaling Termination, Per STP Port	UDS		PTBSX															
	CSST Signaling Usage, Per TCAP Message	UDS																	
	CSST Signaling Connection, Per Link (A link)	UDS		TPP++															
	CSST Signaling Connection, Per Link (B link) (also known as D link)	UDS		TPP++															
	CSST Signaling Usage, Per ISUP Message	UDS																	
	CSST Signaling Usage Surrogate, Per Link per LATA	UDS		STLES															
	CSST Signaling Point Code, per Originating Point Code	UDS		CCAPD															
	Establishment or Change, per STP attached	UDS																	
	CSST Signaling Point Code, per Destination Point Code	UDS		CCAPD															
	Establishment or Change, Per Stp Affected	UDS																	
EN11 SERVICE																			
	Local Channel - Dedicated - 2-wr Voice Grade																		
	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Mile																		
	Interoffice Transport - Dedicated - 2-wr Voice Grade Per Facility Termination																		
	Local Channel - Dedicated - DS1																		
	Interoffice Transport - Dedicated - DS1 Per Mile																		
	Interoffice Transport - Dedicated - DS1 Per Facility Termination																		
CALLING NAME (CNAM) SERVICE																			
	CNAM for DB Owners, Per Query	OCQ																	
	CNAM for Non DB Owners, Per Query	OCQ																	
	CNAM (Non-Database Owners), NFC, applies when using the Character Based User Interface (CHUI)	OCQ		QDCH															



UNBUNDLED NETWORK ELEMENTS - Alabama														Attachment: 2		Exhibit: B								
CATEGORY	RATE ELEMENTS	Interst in	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Elec Submitted Manually per LSR	OSS RATES (\$)														
						Nonrecurring				Nonrecurring Disconnect		Charge - Manual Svc Order vs. Electronic-1st		Incremental Charge - Manual Svc Order vs. Electronic-1st										
						First	Add'l			First	Add'l	SOMAN	SOMAN	SOMAN	SOMAN									
OPERATOR CALL PROCESSING																								
	Oper. Call Processing - Oper. Provided, Per Min. - Using BST LDB					1.20																		
	Oper. Call Processing - Oper. Provided, Per Min. - Using Foreign LDB					1.24																		
	Oper. Call Processing - Fully Automated, per Call - Using BST LDB					0.20																		
	Oper. Call Processing - Fully Automated, per Call - Using Foreign LDB					0.20																		
INWARD OPERATOR SERVICES																								
	Inward Operator Services - Verification, Per Minute					1.15																		
	Inward Operator Services - Verification and Emergency Interrupt - Per Minute					1.15																		
BRANDING - OPERATOR CALL PROCESSING																								
	Recording of Custom Branded OA Announcement				CBAOS		7,000.00	7,000.00																
	Loading of Custom Branded OA Announcement per shelf/NAV				CBAOL		500.00	500.00																
	Unbranding via OLNS for UNEP CLEC						1,200.00	1,200.00																
	Loading of OA per OCN (Regional)																							
DIRECTORY ASSISTANCE SERVICES																								
	DIRECTORY ASSISTANCE ACCESS SERVICE					0.275																		
	Directory Assistance Access Service Calls, Charge Per Call																							
	DIRECTORY ASSISTANCE CALL COMPLETION ACCESS SERVICE (DACS)																							
	Directory Assistance Call Completion Access Service (DACS), Per Call Attempt					0.10																		
NUMBER SERVICES INTERCEPT ACCESS SERVICE																								
DIRECTORY ASSISTANCE SERVICES																								
	DIRECTORY ASSISTANCE DATA BASE SERVICE (DADS)					0.04																		
	Directory Assistance Data Base Service Charge Per Listing				DSOSF	150.00																		
	Directory Assistance Data Base Service, per month																							
BRANDING - DIRECTORY ASSISTANCE																								
	Facility Based CLEC																							
	Recording and Provisioning of DA Custom Branded Announcement			AMT	CBADA		6,000.00	6,000.00																
	Loading of Custom Branded Announcement per DRAM Card/Switch			AMT	CBADC		1,170.00	1,170.00																
	UNEPC CLEC						3,000.00	3,000.00																
	Recording of DA Custom Branded Announcement						1,170.00	1,170.00																
	Loading of DA Custom Branded Announcement per DRAM Card/Switch per OCN						420.00	420.00																
	Unbranding via OLNS for UNEP CLEC						16.00	16.00																
	Loading of DA per OCN (1 OCN per Order)																							
	Loading of DA per Switch per OCN																							
SELECTIVE ROUTING																								
	Selective Routing Per Unique Line Class Code Per Request Per Switch				USRCR		230.60	230.60																
VIRTUAL COLLOCATION																								
	Virtual Collocation - Application Cost			AMTFS	EAF		2,848.30	2,848.30																
	Virtual Collocation - Cable Installation Cost, per cable			AMTFS	ESPOX		2,750.00	2,750.00																
	Virtual Collocation - Floor Space, per sq. ft.			AMTFS	ESPOX	3.20																		
	Virtual Collocation - Power, per breaker amp			AMTFS	ESPOX	3.48																		
	Virtual Collocation - Cable Support Structure, per entrance cable			AMTFS	ESPOX	13.35																		
	Virtual Collocation - 2-wire Cross Connects (loop)			USL L.C. AMTFS	UEAC2	0.28	30.76	29.40	12.75	11.38	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99				
	Virtual Collocation - 4-wire Cross Connects (loop)			USL L.C. AMTFS	UEAC4	0.58	66.71	50.43	12.82	11.39	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99				
	Virtual Collocation - 2-Fiber Cross Connects			AMTFS	CNC2F	12.10	58.46	39.18	16.83	13.27	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99				
	Virtual Collocation - 4-Fiber Cross Connects			AMTFS	CNC4F	21.75	66.71	50.43	21.86	18.31	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99	19.99				
	Virtual collocation - DS1 Cross Connects			USL L.C. AMTFS	CNC1X	7.50	155.00	14.00																
	Virtual collocation - DS3 Cross Connects			USL L.C. AMTFS	CNC3X	56.25	151.90	11.83																

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l
						Rec	Nonrecurring Add'l First	Nonrecurring Disconnect Add'l First	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN
	Virtual Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per linear foot			AMTFS	VE1CB	0.0028							
	Virtual Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per linear ft			AMTFS	VE1CD	0.0038							
	Virtual Collocation - Co-Carrier Cross Connects - Fiber Cable Support Structure, per cable			AMTFS	VE1CC		535.37						
	Virtual Collocation - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per cable			AMTFS	VE1CE		535.37						
	Virtual collocation - Security Escort - Basic, per half hour			AMTFS	SPTBX		41.00	25.00					
	Virtual collocation - Security Escort - Premium, per half hour			AMTFS	SPTDX		48.00	30.00					
	Virtual collocation - Security Escort - Premium, per half hour			AMTFS	SPTPX		55.00	35.00					
	Virtual collocation - Maintenance in CO - Basic, per half hour			AMTFS	CTRLX		30.64	30.64					
	Virtual collocation - Maintenance in CO - Overtime, per half hour			AMTFS	SPTOM		35.77	35.77					
	Virtual collocation - Maintenance in CO - Premium per half hour			AMTFS	SPTPM		40.90	40.90					
VIRTUAL COLLOCATION													
	Virtual Collocation - 2-Wire Cross Connect, Exchange Port 2-Wire Analog - Res			UEPSR	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation - 2-Wire Cross Connect, Exchange Port 2-Wire Line Side PBX Trunk - Bus			UEPSP	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Voice Grade PBX Trunk - Res			UEPSE	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire Analog Bus			UEPSB	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPSX	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation 2-Wire Cross Connect, Exchange Port 2-Wire ISDN			UEPTX	VE1R2	0.28	30.76	29.40		12.75	11.38	27.37	12.97
	Virtual Collocation 4-Wire Cross Connect, Exchange Port 4-Wire ISDN DS1			UEPEX	VE1R4	0.56	66.71	50.43				27.37	12.97
VIRTUAL COLLOCATION													
	Virtual Collocation 2-Wire Cross Connects (Loop) for Line Splitting			UEPSR, UEPSB	VE1LS	0.0287	24.59	23.59		12.05	10.87	19.99	19.99
	Regional Service Establishment			SRC	SRCRC		202,197.82	17,181.39				27.37	27.37
	End Office Establishment			SRC	SRCRO		339.75	3.39				27.37	27.37
	Query NTC, per query			SRC	SRCRO	0.0031412							
AIN - BELL SOUTH AIN SMS ACCESS SERVICE													
	Initial Setup			AIN	CAMSE		197.49	114.22				27.37	17.75
	AIN SMS Access Service - Port Connection - Dial/Shared Access			AIN	CAMDF		64.05	27.04				27.37	17.75
	AIN SMS Access Service - Port Connection - ISDN Access			AIN	CAMIP		64.05	27.04				27.37	17.75
	AIN SMS Access Service - User Identification Codes - Per User			AIN	CAMAU		141.84	70.05				27.37	17.75
	ID Code			AIN	CAMAU		141.84	70.05				27.37	17.75
	AIN SMS Access Service - Security Card, Per User ID Code			AIN	CAMFC		142.13	35.26				27.37	17.75
	Initial or Replacement					0.0028							
	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)					0.0692							
	AIN SMS Access Service - Session, Per Minute												
	AIN SMS Access Service - Company Performed Session, Per Minute					2.08							
AIN - BELL SOUTH AIN TOOLKIT SERVICE													
	Initial Setup			CAM	BAPSC		192.69	114.22				27.37	17.75
	AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup				BAPVX		8,363.00					27.37	17.75
	AIN Toolkit Service - Training Session, Per Customer												
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN Term, Attempt				BAPTT		49.64	27.04				27.37	17.75

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit: B							
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Svc Order Submitted Manually per LSR	OSS RATES (\$)				Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st Add'l
						Nonrecurring		Nonrecurring First	Discontinued Add'l			SOMAN		SOMAN	SOMAN				
						Rec	Add'l					First	Add'l						
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay				BAPTD		49.64	49.64	27.04	27.04	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate				BAPTM		49.64	49.64	27.04	27.04	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit POOP				BAPTO		117.98	117.98	37.90	37.90	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP				BAPTC		117.98	117.98	37.90	37.90	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code				BAPTF	0.024	117.98	117.98	37.90	37.90	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Query Charge, Per Query					0.008													
	AIN Toolkit Service - Type 1 Node Charge, Per AIN Toolkit Subscription, Per Node, Per Query					1.63													
	AIN Toolkit Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kilobytes				CAM	16.00	44.56	44.56	31.84	31.84	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription				CAM	0.10	47.74	47.74	15.90	15.90	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription				CAM	15.90	44.56	44.56	31.84	31.84	27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription				CAM	0.003	47.74	47.74			27.37	27.37	27.37	27.37	17.75	17.75	17.75	17.75	
	AIN Toolkit Service - Call Event Special Study - Per AIN Toolkit Service Subscription																		
ENHANCED EXTENDED LINK (EELs)																			
NOTE: New EELs available in GA, TN, KY, LA, MS, & SC and density zone 1 of following MSAs: Orlando, FL; Miami, FL; Ft. Lauderdale, FL;																			
NOTE: Charlotte-Gastonia-Rock Hill, NC; Greensboro-Winston Salem-High Point, NC. Use all rates below except Switch AS is Charge.																			
NOTE: In all states, EEL network elements shown below also apply to currently combined facilities which are converted to UNE rates. A Switch AS is Charge applies to currently combined facilities converted to UNEs. (Non-recurring rates do not apply.)																			
NOTE: In GA, TN, KY, LA, MS & SC the EEL network elements apply to ordinarily combined network elements. (No Switch AS is Charge.)																			
2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																			
	First 2-Wire VG Loop(SL2) in a DS1 Interfaced Transport Combination - Zone 1		1	UNCVX	UEAL2	17.95													
	First 2-Wire VG Grade Loop(SL2) in a DS1 Interfaced Transport Combination - Zone 2		2	UNCVX	UEAL2	29.16													
	First 2-Wire VG Grade Loop(SL2) in a DS1 Interfaced Transport Combination - Zone 3		3	UNCVX	UEAL2	52.84													
	Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			UNCVX	1L5XX	0.2067													
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month			UNCVX	UITF1	68.75													
	DS1 Channelization System Per Month			UNCVX	MO1	122.50													
	Voice Grade COCI - DS1 To DS0 Interface - Per Month			UNCVX	ID1VG	0.64													
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interoffice Transport Combination - Zone 1		1	UNCVX	UEAL2	17.95													
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interoffice Transport Combination - Zone 2		2	UNCVX	UEAL2	29.16													
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interoffice Transport Combination - Zone 3		3	UNCVX	UEAL2	52.84													
	Voice Grade COCI - DS1 to DS0 Channel System combination - per month			UNCVX	ID1VG	0.64													
	Nonrecurring Currently Combined Network Elements Switch - As Is Charge			UNCVX	UNCOO		11.18	11.18	13.96	13.96	31.31	31.31	31.31	31.31	3.93	3.93	3.93	3.93	
4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																			
	First 4-Wire Analog Voice Grade Loop in a DS1 Interoffice Transport Combination - Zone 1		1	UNCVX	UEAL4	24.01													
	First 4-Wire Analog Voice Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2	UNCVX	UEAL4	39.00													
	First 4-Wire Analog Voice Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3	UNCVX	UEAL4	70.67													

UNBUNDLED NETWORK ELEMENTS - Alabama													Attachment: 2		Exhibit: B		
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	OSS RATES (\$)							
						Nonrecurring				Disconnected		Incremental Charge - Manual Svc Order vs. Electronic- Disc Adst		Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st			
						Final	Add'l			Final	Add'l	SOMAN	SOMAN	SOMAN	SOMAN		
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNCIX	1L5XX	0.2067											
	Interoffice Transport - Dedicated - DS1 - Facility Termination Per Month			UNCIX	UITF1	68.75											
	Channelization - Channel System DS1 to DS0 combination Per Month			UNCIX	MQ1	122.50											
	Voice Grade COC - DS1 to DS0 Channel System combination - per month			UNCIX	1D1VG	0.64											
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCIX	UEAL4	24.01											
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCIX	UEAL4	39.00											
	Additional 4-Wire Analog Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCIX	UEAL4	70.67											
	Interoffice Transport Combination - Zone 3 Voice Grade COC - DS1 to DS0 Channel System combination - per month			UNCIX	1D1VG	0.64											
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCIX	UNCOC	11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93				
4-WIRE 56 Kbps EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																	
	First 4-Wire 56Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 1		1	UNCIX	UDL56	27.33											
	First 4-Wire 56Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2	UNCIX	UDL56	44.40											
	First 4-Wire 56Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3	UNCIX	UDL56	80.45											
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNCIX	1L5XX	0.2067											
	Interoffice Transport - Dedicated - DS1 - combination Facility Termination Per Month			UNCIX	UITF1	68.75											
	Channelization - Channel System DS1 to DS0 combination Per Month			UNCIX	MQ1	122.50											
	OCU-DP COC (data) - DS1 to DS0 Channel System - per month (2.4-64kbs)			UNCIX	1D1DD	1.36											
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1	UNCIX	UDL56	27.33											
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 2		2	UNCIX	UDL56	44.40											
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3	UNCIX	UDL56	80.45											
	OCU-DP COC (data) - DS1 to DS0 Channel System - combination per month (2.4-64kbs)			UNCIX	1D1DD	1.36											
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCIX	UNCOC	11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93				
4-WIRE 64 Kbps EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																	
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 1		1	UNCIX	UDL64	27.33											
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		2	UNCIX	UDL64	44.40											
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 3		3	UNCIX	UDL64	80.45											
	Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNCIX	1L5XX	0.2067											
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNCIX	UITF1	68.75											
	Channelization - Channel System DS1 to DS0 combination Per Month			UNCIX	MQ1	122.50											
	OCU-DP COC (data) - DS1 to DS0 Channel System combination - per month (2.4-64kbs)			UNCIX	1D1DD	1.36											

UNBUNDLED NETWORK ELEMENTS - Alabama																	Exhibit: B	
CATEGORY	RATE ELEMENTS	Initial m	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Electronically per LSR	Attachment: 2				Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l		
						Nonrecurring				Nonrecurring Disconnect		OSS RATES (\$)					Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	
						First	Add'l			First	Add'l	SOMEC	SOMAN				SOMAN	SOMAN
						Rec												
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interface Transport Combination - Zone 1		1	UNC3X	UDL64	27.33												
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interface Transport Combination - Zone 2		2	UNC3X	UDL64	44.40												
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interface Transport Combination - Zone 3		3	UNC3X	UDL64	80.45												
	OCU-DP CDD (data) - DS1 to DS0 Channel System combination - per month (2.4-64Kbps)			UNC3X	1D1DD	1.36												
	Nonrecurring Currently Combined Network Elements Switch -As Is Charge			UNC1X	UNCCC		11.18	11.18	13.96				31.31	31.31	3.93	3.93		
	4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT (EEL)																	
	4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 1		1	UNC1X	USLXX	51.74												
	4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 2		2	UNC1X	USLXX	84.05												
	4-Wire DS1 Digital Loop in Combination with DS1 Interoffice Transport - Zone 3		3	UNC1X	USLXX	152.29												
	Interoffice Transport - Dedicated - DS1 combination - Per Month			UNC1X	1LSXX	0.2067												
	Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month			UNC1X	UTTF1	68.75												
	Nonrecurring Currently Combined Network Elements Switch -As Is Charge			UNC1X	UNCCC		11.18	11.18	13.96				31.31	31.31	3.93	3.93		
	4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT (EEL)																	
	First DS1 Loop in DS3 Interoffice Transport Combination - Zone 1		1	UNC1X	USLXX	51.74												
	First DS1 Loop in DS3 Interoffice Transport Combination - Zone 2		2	UNC1X	USLXX	84.05												
	First DS1 Loop in DS3 Interoffice Transport Combination - Zone 3		3	UNC1X	USLXX	152.29												
	Interoffice Transport - Dedicated - DS3 combination - Per Month			UNC3X	1LSXX	4.57												
	Interoffice Transport - Dedicated - DS3 - Facility Termination per month			UNC3X	UTTF3	804.02												
	DS3 to DS1 Channel System combination per month			UNC3X	MO3	201.37												
	DS3 Interface Unit (DS1 CDD) combination per month			UNC1X	UC1D1	15.39												
	Additional DS1 Loop in DS3 Interoffice Transport Combination - Zone 1		1	UNC1X	USLXX	51.74												
	Additional DS1 Loop in DS3 Interoffice Transport Combination - Zone 2		2	UNC1X	USLXX	84.05												
	Additional DS1 Loop in DS3 Interoffice Transport Combination - Zone 3		3	UNC1X	USLXX	152.29												
	Nonrecurring Currently Combined Network Elements Switch -As Is Charge			UNC1X	UNCCC		11.18	11.18	13.96				31.31	31.31	3.93	3.93		
	2-WIRE VOICE GRADE EXTENDED LOOP/ 2 WIRE VOICE GRADE INTEROFFICE TRANSPORT (EEL)																	
	2-Wire VG Loop used with 2-wire VG Interoffice Transport Combination - Zone 1		1	UNC1X	UEAL2	17.95												
	2-Wire VG Loop used with 2-wire VG Interoffice Transport Combination - Zone 2		2	UNC1X	UEAL2	29.16												
	2-Wire VG Loop used with 2-wire VG Interoffice Transport Combination - Zone 3		3	UNC1X	UEAL2	52.84												
	Interoffice Transport - Dedicated - 2-wire VG combination - Per Month			UNC1X	1LSXX	0.0101												
	Interoffice Transport - Dedicated - 2-Wire Voice Grade combination - Facility Termination per month			UNC1X	UTTV2	24.15												
	Nonrecurring Currently Combined Network Elements Switch -As Is Charge			UNC1X	UNCCC		11.18	11.18	13.96				31.31	31.31	3.93	3.93		

UNBUNDLED NETWORK ELEMENTS - Alabama													Attachment: 2		Exhibit: B		
CATEGORY	RATE ELEMENTS	Initiated in	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Svc Order Submitted Electronically per LSR	Incremental Charge - Manual Svc Order vs. Electronic Disc Add'l					
						Rec	Nonrecurring		Disconnect First			Add'l	DSS RATES (\$)				
							First	Add'l		SOMAN	SOMAN		SOMAN	SOMAN	SOMAN	SOMAN	
4-WIRE VOICE GRADE EXTENDED LOOP/ 4 WIRE VOICE GRADE INTEROFFICE TRANSPORT (EEL)	4-Wire VG Loop used with 4-wire VG Interoffice Transport Combination - Zone 1		1	UNCVX	UEAL4	24.01											
	4-Wire VG Loop used with 4-wire VG Interoffice Transport Combination - Zone 2		2	UNCVX	UEAL4	39.00											
	4-Wire VG Loop used with 4-wire VG Interoffice Transport Combination - Zone 3		3	UNCVX	UEAL4	70.67											
	Interoffice Transport - Dedicated - 4-wire VG combination - Per Mile Per Month			UNCVX	115XX	0.0101											
	Interoffice Transport - Dedicated - 4 - Wire Voice Grade combination - Facility Termination per month			UNCVX	U1TV4	21.41											
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCVX	UNCCC		11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93			
	DS3 DIGITAL EXTENDED LOOP WITH DEDICATED DS3 INTEROFFICE TRANSPORT (EEL)																
	High Capacity Unbundled Local Loop - DS3 combination - Per Mile per month				UNCSX	115ND	10.16										
	High Capacity Unbundled Local Loop - DS3 combination - Facility Termination per month				UNCSX	UE3PX	374.52										
	Interoffice Transport - Dedicated - DS3 - Per Mile per month				UNCSX	115XX	4.67										
STST1 DIGITAL EXTENDED LOOP WITH DEDICATED STS1 INTEROFFICE TRANSPORT (EEL)	Interoffice Transport - Dedicated - DS3 combination - Facility Termination per month			UNCSX	U1TF3	804.02											
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCSX	UNCCC		11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93			
	High Capacity Unbundled Local Loop - STS1 combination - Per Mile per month				UNCSX	115ND	10.16										
	High Capacity Unbundled Local Loop - STS1 combination - Facility Termination per month				UNCSX	U1DS1	387.67										
	Interoffice Transport - Dedicated - STS1 combination - Per Mile per month				UNCSX	115XX	4.67										
	Interoffice Transport - Dedicated - STS1 combination - Facility Termination per month				UNCSX	U1TF5	801.57										
	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCSX	UNCCC		11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93			
	2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT (EEL)																
	First 2-Wire ISDN Loop in a DS1 Interoffice Combination		1	UNCNX	U112X	23.23											
	2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT (EEL)	First 2-Wire ISDN Loop in a DS1 Interoffice Combination		2	UNCNX	U112X	37.74										
First 2-Wire ISDN Loop in a DS1 Interoffice Combination			3	UNCNX	U112X	68.38											
Interoffice Transport - Dedicated - DS1 combination - Per Mile per month				UNCNX	115XX	0.2087											
Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month				UNCNX	U1TF1	88.75											
Channelization - Channel System DS1 to DS0 combination - per month				UNCNX	14Q1	122.50											
2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System combination - per month				UNCNX	UC1CA	2.92											
Additional 2-wire ISDN Loop in same DS1 Interoffice Transport Combination - Zone 1			1	UNCNX	U112X	23.23											
Additional 2-wire ISDN Loop in same DS1 Interoffice Transport Combination - Zone 2			2	UNCNX	U112X	37.74											
Additional 2-wire ISDN Loop in same DS1 Interoffice Transport Combination - Zone 3			3	UNCNX	U112X	68.38											
2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel System combination- per month				UNCNX	UC1CA	2.92											
2-WIRE ISDN EXTENDED LOOP WITH DS1 INTEROFFICE TRANSPORT (EEL)	Nonrecurring Currently Combined Network Elements Switch -As- Is Charge			UNCNX	UNCCC		11.18	11.18	13.96	13.96	31.31	31.31	3.93	3.93			

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit: B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	QSS RATES (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT (EEL)	First DS1 Loop in STS1 Interoffice Transport Combination - Zone 1		1	UNC1X	USLXX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			



UNBUNDLED NETWORK ELEMENTS - Alabama																	Attachment: 2	Exhibit: B
CATEGORY	RATE ELEMENTS	Inter m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l						
						Rec	Nonrecurring		Nonrecurring Disconnect First			Add'l	QSS RATES (\$)					
							SOMAN	SOMAN					SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Nonrecurring Currently Combined Network Elements Switch -Add'l Charge - DS1			UNC1X	UNOC		11.18	11.18	13.96	13.96			31.31	31.31	3.93	3.93		
	Nonrecurring Currently Combined Network Elements Switch -Add'l Charge - DS3			UNC3X	UNOC		11.18	11.18	13.96	13.96			31.31	31.31	3.93	3.93		
	Nonrecurring Currently Combined Network Elements Switch -Add'l Charge - STS1			UNC5X	UNOC		11.18	11.18	13.96	13.96			31.31	31.31	3.93	3.93		
	NOTE: Local Channel - Dedicated Transport - minimum billing period - Below DS3-one month, DS3 and above-four months																	
	UNBUNDLED LOCAL EXCHANGE SWITCHING(PORTS)																	
	Exchange Ports																	
	NOTE: Although the Port Rate includes all available features in GA, KY, LA & TN, the desired features will need to be ordered using retail USOCs																	
	2-WIRE VOICE GRADE LINE PORT RATES (RES)																	
	Exchange Ports - 2-Wire Analog Line Port- Res.			UEPSR	UEPRL	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.			UEPSR	UEPRC	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire Analog Line Port with Caller ID - Res.			UEPSR	UEPRO	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire Analog Line Port outgoing only - Res.			UEPSR	UEPAR	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire VG unbundled AL extended local dialing party Port with Caller ID - Res.			UEPSR	UEPAP	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire VG unbundled res, low usage line port with Caller ID (LUM)			UEPSR	UEPASC	0.00	0.00	0.00					27.37	12.97	17.77	1.44		
	Subsequent Activity			UEPSR	UEPASC	0.00	0.00	0.00					27.37	12.97	17.77	1.44		
	FEATURES																	
	All Available Vertical Features																	
	2-WIRE VOICE GRADE LINE PORT RATES (BUS)																	
	Exchange Ports - 2-Wire Analog Line Port without Caller ID - Bus			UEPSB	UEPBL	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire VG unbundled Line Port with unbundled port with Caller-ID484 ID - Bus.			UEPSB	UEPBC	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire Analog Line Port outgoing only - Bus.			UEPSB	UEPBO	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire VG unbundled AL extended local dialing party Port with Caller ID - Bus.			UEPSB	UEPAW	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Exchange Ports - 2-Wire VG unbundled incoming only port with Caller ID - Bus			UEPSB	UEPBI	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Subsequent Activity			UEPSB	UEPASC	0.00	0.00	0.00					27.37	12.97	17.77	1.44		
	FEATURES																	
	All Available Vertical Features																	
	EXCHANGE PORT RATES (DD & PBX)																	
	2-Wire VG Unbundled 2-Way PBX Trunk - Res			UEPSE	UEPRD	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire VG Line Side Unbundled 2-Way PBX Trunk - Bus			UEPSP	UEPRC	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire VG Line Side Unbundled Outward PBX Trunk - Bus			UEPSP	UEPPI	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire VG Line Side Unbundled Incoming PBX Trunk - Bus			UEPSP	UEPID	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Analog Long Distance Terminal PBX Trunk - Bus			UEPSP	UEPA2	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 2-Way PBX Alabama Calling Port			UEPSP	UEPA3	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled PBX LD Terminal Ports			UEPSP	UEPA4	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 2-Way PBX Usage Port			UEPSP	UEPA5	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled PBX Toll Terminal Host Ports			UEPSP	UEPA6	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled PBX LD XXX Terminal Ports			UEPSP	UEPA7	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPSP	UEPA8	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled PBX LD Terminal Switchboard ID			UEPSP	UEPA9	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Capable Port			UEPSP	UEPA10	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy			UEPSP	UEPXL	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Administrative Calling Port			UEPSP	UEPXL	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy			UEPSP	UEPXM	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Room Calling Port			UEPSP	UEPXM	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital			UEPSP	UEPYO	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	Discount Room Calling Port			UEPSP	UEPYO	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPSP	UEPXS	2.07	21.93	21.93	6.21	6.21			27.37	12.97	17.77	1.44		





UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit: B							
CATEGORY	RATE ELEMENTS	Initial m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	Incremental Charge - Manual Svc Order vs. Electronic-Add'l				Incremental Charge - Manual Svc Order vs. Electronic-Add'l			
						Nonrecurring		Nonrecurring Disconnect				OSS RATES (\$)		OSS RATES (\$)					
						Rec	Final	Final	Add'l			SOMAN	SOMAN	SOMAN	SOMAN				
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPRX	USAC2		2.80		0.41						40.71		9.58		
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPRX	USACC		2.80		0.41						40.71		9.58		
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						1.44								8.25				
	ADDITIONAL NRCS																		
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPRX	USAS2		0.00		0.00						40.71		9.58		
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)																		
	LINE Port/Loop Combination Rates																		
	2-Wire VG Loop/Port Combo - Zone 1	1					16.55												
	2-Wire VG Loop/Port Combo - Zone 2	2					25.51												
	2-Wire VG Loop/Port Combo - Zone 3	3					44.44												
	LINE Loop Rates																		
	2-Wire Voice Grade Loop (SL 1) - Zone 1	1		UEPRX	UEPLX		14.35												
	2-Wire Voice Grade Loop (SL 1) - Zone 2	2		UEPRX	UEPLX		23.31												
	2-Wire Voice Grade Loop (SL 1) - Zone 3	3		UEPRX	UEPLX		42.24												
	2-Wire Voice Grade Line Port (Bus)																		
	2-Wire voice unbundled port without Caller ID - bus			UEPRX	UEPBL		2.20		90.00						40.71		9.58		
	2-Wire voice unbundled port with Caller + EASA ID - bus			UEPRX	UEPBC		2.20		90.00						40.71		9.58		
	2-Wire voice unbundled port outgoing only - bus			UEPRX	UEPBO		2.20		90.00						40.71		9.58		
	2-Wire voice unbundled Alabama extended local dialing parity port with Caller ID - bus			UEPRX	UEPAW		2.20		90.00						40.71		9.58		
	2-Wire voice unbundled incoming only port with Caller ID - Bus			UEPRX	UEPBI		2.20		90.00						40.71		9.58		
	LOCAL NUMBER PORTABILITY																		
	Local Number Portability (1 per port)			UEPRX	LNFCX		0.35												
	FEATURES																		
	All Features Offered			UEPRX	UEPVF		5.55		0.00						40.71		9.58		
	NONRECURRING CHARGES (NRCS) - CURRENTLY COMBINED																		
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPRX	USAC2				0.41						40.71		9.58		
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPRX	USAC2		2.80								40.71		9.58		
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						2.80		0.41						40.71		9.58		
	ADDITIONAL NRCS						1.44								8.25				
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPRX	USAS2		0.00		0.00						40.71		9.58		
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)																		
	LINE Port/Loop Combination Rates																		
	2-Wire VG Loop/Port Combo - Zone 1	1					16.55												
	2-Wire VG Loop/Port Combo - Zone 2	2					25.51												
	2-Wire VG Loop/Port Combo - Zone 3	3					44.44												
	LINE Loop Rates																		
	2-Wire Voice Grade Loop (SL 1) - Zone 1	1		UEPRG	UEPLX		14.35												
	2-Wire Voice Grade Loop (SL 1) - Zone 2	2		UEPRG	UEPLX		23.31												
	2-Wire Voice Grade Loop (SL 1) - Zone 3	3		UEPRG	UEPLX		42.24												
	2-Wire Voice Grade Line Port Rates (RES - PBX)																		
	2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD		2.20		90.00						40.71		9.58		
	LOCAL NUMBER PORTABILITY																		
	Local Number Portability (1 per port)			UEPRG	LNFCP		3.15		0.00						40.71		9.58		
	FEATURES																		
	All Features Offered			UEPRG	LNFCP		5.55		0.00						40.71		9.58		
	NONRECURRING CHARGES (NRCS) - CURRENTLY COMBINED																		
	2-Wire Voice Grade Loop / Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPRG	USAC2		2.80		0.41						40.71		9.58		

UNBUNDLED NETWORK ELEMENTS - Alabama														Attachment: 2		Exhibit: B				
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	OSS RATES (\$)									
						Rec	Nonrecurring				Nonrecurring Disconnected First Add'l	SOMAN	SOMAN	SOMAN	SOMAN					
							First	Add'l												
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPRG	USACC		2.80	0.41												
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update						1.44													
	ADDITIONAL NRCS																			
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPRG	USAS2	0.00	0.00	0.00												
	PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						14.64	14.64												
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)																			
	LINE Port/Loop Combination Rates																			
	2-Wire VG Loop/Port Combo - Zone 1	1				16.55														
	2-Wire VG Loop/Port Combo - Zone 2	2				25.51														
	2-Wire VG Loop/Port Combo - Zone 3	3				44.44														
	LINE Loop Rates																			
	2-Wire Voice Grade Loop (SL 1) - Zone 1	1		UEPXX	UEPXX	14.35														
	2-Wire Voice Grade Loop (SL 1) - Zone 2	2		UEPXX	UEPXX	23.31														
	2-Wire Voice Grade Loop (SL 1) - Zone 3	3		UEPXX	UEPXX	42.24														
	2-Wire Voice Grade Line Port Rates (BUS - PBX)																			
	Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus			UEPXX	UEPXX	2.20	90.00	90.00												
	Line Side Unbundled Outward PBX Trunk Port - Bus			UEPXX	UEPXX	2.20	90.00	90.00												
	Line Side Unbundled Incoming PBX Trunk Port - Bus			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 2-Way Combination PBX Alabama Calling Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled PBX LD Terminal Ports			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 2-Way Combination PBX Usage Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled PBX Toll Terminal Hotel Ports			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled PBX LD DDD Terminal Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy Room Calling Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port			UEPXX	UEPXX	2.20	90.00	90.00												
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port			UEPXX	UEPXX	2.20	90.00	90.00												
	LOCAL NUMBER PORTABILITY			UEPXX	UEPXX	3.15	0.00	0.00												
	Local Number Portability (1 per port)			UEPXX	UEPXX	5.55	0.00	0.00												
	FEATURES																			
	All Features Offered			UEPXX	UEPXX															
	NONRECURRING CHARGES (NRCS) - CURRENTLY COMBINED																			
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch-As-Is			UEPXX	USAC2	2.80	2.80	0.41												
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change			UEPXX	USACC	2.80	2.80	0.41												
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Subsequent Database Update					1.44														
	ADDITIONAL NRCS																			
	2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity			UEPXX	USAS2	0.00	0.00	0.00												
	PBX Subsequent Activity - Change/Rearrange Multiline Hunt Group						14.64	14.64												
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE ANALOG LINE COIN PORT																			
	LINE Port/Loop Combination Rates																			
	2-Wire VG Coin Port/Loop Combo - Zone 1	1				16.68														

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit: B				
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electroni- c 1st	Incremental Charge - Manual Svc Order vs. Electroni- c 1st	Incremental Charge - Manual Svc Order vs. Electroni- c 1st	Incremental Charge - Manual Svc Order vs. Electroni- c 1st	Incremental Charge - Manual Svc Order vs. Electroni- c 1st	Incremental Charge - Manual Svc Order vs. Electroni- c 1st
						Nonrecurring		Disconnect Add'l	Svc Order Submitted Manually per LSR							
						First	Add'l									
	2-Wire VG Coin Port/Loop Combo - Zone 2		2			25.84										
	2-Wire VG Coin Port/Loop Combo - Zone 3		3			44.77										
	LINE Loop Rates															
	2-Wire Voice Grade Loop (SL1) - Zone 1		1	UEPCO	UEPLX	14.35										
	2-Wire Voice Grade Loop (SL1) - Zone 2		2	UEPCO	UEPLX	23.31										
	2-Wire Voice Grade Loop (SL1) - Zone 3		3	UEPCO	UEPLX	42.24										
	2-Wire Voice Grade Line Ports (COIN)															
	2-Wire Coin 2-Way without Operator Screening and without Blocking (AL, KY, LA, MS)			UEPCO	UEPRF	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin 2-Way with Operator Screening (AL, KY)			UEPCO	UEPRE	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin 2-Way with Operator Screening and Blocking: 011, 900/976, 1-800 (AL, KY, LA, MS)			UEPCO	UEPRA	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin 2-Way with Operator Screening and 011 Blocking (AL, LA, MS)			UEPCO	UEPRB	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin 2-Way with Operator Screening & Blocking: 900/976, 1-800, 011+, & Local (AL, KY, LA, MS)			UEPCO	UEPCD	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin Outward with Operator Screening and 011 Blocking (AL, FL)			UEPCO	UEPRK	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin Outward with Operator Screening and Blocking: 011, 900/976, 1-800 (AL, KY, LA, MS)			UEPCO	UEPRH	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin Outward Operator Screening & Blocking: 900/976, 1-800, 011+, and Local (AL, KY, LA, MS)			UEPCO	UEPCN	2.53	90.00	90.00			40.71	9.58				
	2-Wire 2-Way Smartline with 900/976 (all states except LA)			UEPCO	UEPCR	2.53	90.00	90.00			40.71	9.58				
	2-Wire Coin Outward Smartline with 900/976 (all states except LA)			UEPCO	UEPCR	2.53	90.00	90.00			40.71	9.58				
	ADDITIONAL LINE COIN PORT LOOP (RC)															
	LINE Coin Port/Loop Combo Usage (Flat Rate)			UEPCO	URECU	1.56	90.00	90.00			40.71	9.58				
	LOCAL NUMBER PORTABILITY			UEPCO	LINEPC	0.35										
	Local Number Portability (1 per port)															
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch-as-is			UEPCO	USAC2		2.80	0.41			40.71	9.58				
	2-Wire Voice Grade Loop / Line Port Combination - Conversion - Switch with change			UEPCO	USACC		2.80	0.41			40.71	9.58				
	ADDITIONAL NRCS															
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent Activity			UEPCO	USAS2		0.00	0.00			40.71	9.58				
	UNBUNDLED REMOTE CALL FORWARDING - RES															
	UNBUNDLED REMOTE CALL FORWARDING - BUS															
	UNBUNDLED PORT LOOP COMBINATIONS - COST BASED RATES															
	2-WIRE VOICE GRADE LOOP - BUS ONLY - WITH 2-WIRE DID TRUNK PORT															
	LINE Port Loop Combination Rates															
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - LINE Zone 1		1			29.59										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - LINE Zone 2		2			38.58										
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - LINE Zone 3		3			45.06										
	LINE Loop Rates															
	2-Wire Analog Voice Grade Loop - (SL2) - LINE Zone 1		1	UEPPX	UECD1	20.42										
	2-Wire Analog Voice Grade Loop - (SL2) - LINE Zone 2		2	UEPPX	UECD1	27.41										
	2-Wire Analog Voice Grade Loop - (SL2) - LINE Zone 3		3	UEPPX	UECD1	38.89										
	LINE Port Rates															
	Exchange Ports - 2-Wire DID Port			UEPPX	UEPD1	9.17	800.00	45.00			40.71	9.58				
	NONRECURRING CHARGES - CURRENTLY COMBINED															
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Switch-as-is			UEPPX	USAC1		14.61	3.73			40.71	9.58				
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Conversion with BellSouth Allowable Charges			UEPPX	USAC1C		14.61	3.73			40.71	9.58				
	ADDITIONAL NRCS															

UNBUNDLED NETWORK ELEMENTS - Alabama															Attachment: 2		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interf m	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted per LSR	Svc Order Submitted per LSR	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l						
						Rec	Nonrecurring		Nonrecurring Disconnect Add'l			OSS RATES (\$)						
							First	Add'l				SOMAN	SOMAN	SOMAN	SOMAN			
	2-Wire DID Subsequent Activity - Add Trunks, Per Trunk			UEPPX	USAS1			53.56	53.56			40.71	9.58					
	Telephone Number/Trunk Group Establishment Charges			UEPPX	NOT		0.00	0.00										
	DID Trunk Termination (One Per Port)			UEPPX	ND4		0.00	0.00										
	Additional DID Numbers for each Group of 20 DID Numbers			UEPPX	ND5		0.00	0.00										
	DID Numbers, Non- consecutive DID Numbers, Per Number			UEPPX	ND6		0.00	0.00										
	Reserve Non-Consecutive DID numbers			UEPPX	NDV		0.00	0.00										
	Reserve DID Numbers			UEPPX	LNOP		3.15	0.00										
	LOCAL NUMBER PORTABILITY			UEPPX	LNOP		3.15	0.00										
	Local Number Portability (1 per port)			UEPPX	LNOP		3.15	0.00										
	2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT																	
	UNE Port Loop Combination Rates																	
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -																	
	UNE Zone 1		1	UEPPB	UEPPR		36.62											
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -																	
	UNE Zone 2		2	UEPPB	UEPPR		44.49											
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -																	
	UNE Zone 3		3	UEPPB	UEPPR		55.39											
	UNE Loop Rates																	
	2-Wire ISDN Digital Grade Loop - UNE Zone 1		1	UEPPB	UEPPR		27.20					40.71	9.58					
	2-Wire ISDN Digital Grade Loop - UNE Zone 2		2	UEPPB	UEPPR		35.07					40.71	9.58					
	2-Wire ISDN Digital Grade Loop - UNE Zone 3		3	UEPPB	UEPPR		43.97					40.71	9.58					
	UNE Port Rates																	
	Exchange Port - 2-Wire ISDN Line Side Port			UEPPB	UEPPR		9.42	525.00	400.00			40.71	9.58					
	NONRECURRING CHARGES - CURRENTLY COMBINED																	
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port			UEPPB	UEPPR		0.00	77.01	54.04			40.71	9.58					
	Combination - Conversion			UEPPB	UEPPR		0.00											
	ADDITIONAL NRCS																	
	LOCAL NUMBER PORTABILITY																	
	Local Number Portability (1 per port)			UEPPB	UEPPR		0.35	0.00	0.00									
	B-COMM USER PROFILE ACCESS:																	
	C/S/CSD (ONS/ESS)			UEPPB	UEPPR		0.00	0.00	0.00									
	C/S (ENS)			UEPPB	UEPPR		0.00	0.00	0.00									
	CSD			UEPPB	UEPPR		0.00	0.00	0.00									
	B-COMM AREA PLUS USER PROFILE ACCESS: (AL, KY, LA, MS, SC, TN)																	
	C/S/CSD (ONS/ESS)			UEPPB	UEPPR		0.00	0.00	0.00									
	C/S (ENS)			UEPPB	UEPPR		0.00	0.00	0.00									
	CSD			UEPPB	UEPPR		0.00	0.00	0.00									
	USER TERMINAL PROFILE																	
	User Terminal Profile (ENS only)			UEPPB	UEPPR		0.00	0.00	0.00									
	VERTICAL FEATURES																	
	All Vertical Features - One per Channel B User Profile			UEPPB	UEPPR		5.55	0.00	0.00			40.71	9.58					
	INTEROFFICE CHANNEL MILEAGE																	
	Interoffice Channel mileage each, including first mile and			UEPPB	UEPPR		17.81	107.11	48.27			40.71	9.58					
	Facilities termination			UEPPB	UEPPR		0.0339	0.00	0.00									
	Interoffice Channel mileage each, additional mile			UEPPB	UEPPR													
	4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT																	
	UNE Port Loop Combination Rates																	
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE																	
	Zone 1		1	UEPPP			198.29											
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE																	
	Zone 2		2	UEPPP			274.00											
	4W DS1 Digital Loop/4W ISDN DS1 Digital Trunk Port - UNE																	
	Zone 3		3	UEPPP			425.41											
	UNE Loop Rates																	
	4-Wire DS1 Digital Loop - UNE Zone 1		1	UEPPP	USL4P		101.92					40.71	9.58					
	4-Wire DS1 Digital Loop - UNE Zone 2		2	UEPPP	USL4P		177.63					40.71	9.58					
	4-Wire DS1 Digital Loop - UNE Zone 3		3	UEPPP	USL4P		323.04					40.71	9.58					





UNBUNDLED NETWORK ELEMENTS - Alabama														Attachment 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interm	Zone	BCS	USOC	RATES (\$)				Svc Order Submitted Manually Elec per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l			
						Nonrecurring		Nonrecurring Disconnect									
						Rec	First	First	Add'l						SOMEC	SOMAN	SOMAN
BIPOLAR 2 ZERO SUBSTITUTION	1802S - Superframe Format			UEPDC	COOSF		0.00		600.00								
	1802S - Extended Superframe Format			UEPDC	COOSF		0.00		600.00								
	Alternate Mark Inversion																
	1AM - Superframe Format			UEPDC	MOOSF		0.00		0.00								
	1AM - Extended Superframe Format			UEPDC	MOOSF		0.00		0.00								
	Telephone Number Trunk Group Establishment Charge																
	Telephone Number for 2-Way Trunk Group			UEPDC	UDTGY		0.00		0.00								
	Telephone Number for 1-Way Outward Trunk Group			UEPDC	UDTGY		0.00		0.00								
	Telephone Number for 1-Way Inward Trunk Group Without DID			UEPDC	UDTGY		0.00		0.00								
	DID Numbers for each Group of 20 DID Numbers			UEPDC	ND4		0.00		0.00								
	DID Numbers, Non-Consecutive DID Numbers, Per Number			UEPDC	ND5		0.00		0.00								
	Reserve DID Numbers			UEPDC	ND6		0.00		0.00								
	Dedicated DS1 (Interface Channel Mileage) - FY/FDD for 4-Wire DS1 Digital Loop with 4-Wire DDDTS Trunk Port			UEPDC	NDV		0.00		0.00								
	Interface Channel Mileage - Fixed rate 0-8 miles (Facilities Termination)			UEPDC	1LNO1	79.89	198.15	148.18	25.44	20.42	40.71	9.58					
	Interface Channel Mileage - Additional rate per mile - 0-8 miles			UEPDC	1LNO1	0.692	0.00	0.00									
	Interface Channel Mileage - Fixed rate 9-25 miles (Facilities Termination)			UEPDC	1LNO2	0.00	0.00	0.00									
	Interface Channel Mileage - Additional rate per mile - 9-25 miles			UEPDC	1LNO2	0.692	0.00	0.00									
	Interface Channel Mileage - Fixed rate 25+ miles (Facilities Termination)			UEPDC	1LNO3	0.00	0.00	0.00	0.00								
	Interface Channel Mileage - Additional rate per mile - 25+ miles			UEPDC	1LNO3	0.692	0.00	0.00									
	Local Number Portability, per DSO Activated			UEPDC	1LNO3	3.15	0.00	0.00	0.00								
	Central Office Terminating Point			UEPDC	CTG	0.00											
	4-WIRE DST LOOP WITH CHANNELIZATION WITH PORT																
	System is 1 DST Loop, 1 D4 Channel Bank, and up to 24 Feature Activations																
	Each System can have up to 24 combinations of rates depending on type and number of ports used																
	UNE DST Loop																
1 4-Wire DST Loop - UNE Zone 1			1	UEPAG	USLDC	101.92	0.00	0.00									
2 4-Wire DST Loop - UNE Zone 2			2	UEPAG	USLDC	177.63	0.00	0.00									
3 4-Wire DST Loop - UNE Zone 3			3	UEPAG	USLDC	329.04	0.00	0.00									
UNE DSO Channelization Capacities (D4 Channel Bank Configurations)																	
24 DSO Channel Capacity - 1 per DS1				UEPAG	VLM24	115.89	0.00	0.00			40.71	9.58					
48 DSO Channel Capacity - 1 per 2 DS1s				UEPAG	VLM48	231.78	0.00	0.00			40.71	9.58					
96 DSO Channel Capacity - 1 per 4 DS1s				UEPAG	VLM96	463.56	0.00	0.00			40.71	9.58					
144 DSO Channel Capacity - 1 per 6 DS1s				UEPAG	VLM144	695.34	0.00	0.00			40.71	9.58					
192 DSO Channel Capacity - 1 per 8 DS1s				UEPAG	VLM192	927.12	0.00	0.00			40.71	9.58					
240 DSO Channel Capacity - 1 per 10 DS1s				UEPAG	VLM240	1158.90	0.00	0.00			40.71	9.58					
288 DSO Channel Capacity - 1 per 12 DS1s				UEPAG	VLM288	1390.68	0.00	0.00			40.71	9.58					
336 DSO Channel Capacity - 1 per 14 DS1s				UEPAG	VLM336	1622.46	0.00	0.00			40.71	9.58					
384 DSO Channel Capacity - 1 per 16 DS1s				UEPAG	VLM384	1854.24	0.00	0.00			40.71	9.58					
432 DSO Channel Capacity - 1 per 18 DS1s				UEPAG	VLM432	2086.02	0.00	0.00			40.71	9.58					
480 DSO Channel Capacity - 1 per 20 DS1s				UEPAG	VLM480	2317.80	0.00	0.00			40.71	9.58					
528 DSO Channel Capacity - 1 per 22 DS1s				UEPAG	VLM528	2549.58	0.00	0.00			40.71	9.58					
576 DSO Channel Capacity - 1 per 24 DS1s				UEPAG	VLM576	2781.36	0.00	0.00			40.71	9.58					
624 DSO Channel Capacity - 1 per 26 DS1s				UEPAG	VLM624	3013.14	0.00	0.00			40.71	9.58					
672 DSO Channel Capacity - 1 per 28 DS1s				UEPAG	VLM672	3244.92	0.00	0.00			40.71	9.58					
Non-Recurring Charge (NRC) Associated with 4-Wire DST Loop with Channelization with Port - Conversion Charge Based on a System																	
A Minimum System Configuration is One (1) DS1, One (1) D4 Channel Bank, and Up to 24 DSO Ports with Feature Activations.																	
If multiples of this configuration functioning as one are considered Add'l after the minimum system configuration is counted.																	
NRC - Conversion (Currently Combined) with or without				UEPAG	USAC4	0.00	300.95	16.72			40.71	9.58					
BallSouth Allowed Changes																	
System Additions at End User Locations Where 4-Wire DST Loop with Channelization with Port Combination Currently Exists and																	
New (Not Currently Combined) in GA, KY, LA, MS & TN Only																	
1 DSO/D4 Channel Bank - Add NRC for each Port and Assoc				UEPAG	VUMD4	0.00	716.11	468.04	148.75	17.65	40.71	9.58					
Fee Activation - New GA, LA, KY, MS, & TN Only																	
Bipolar 2 Zero Substitution																	





UNBUNDLED NETWORK ELEMENTS - Alabama																Attachment: 2		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interst m	Zone	BOS	USOC	RATES (\$)				Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st		Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st					
						Rec	Nonrecurring		Nonrecurring Disconnected First Add'l			OSS RATES (\$)		OSS RATES (\$)					
							First	Add'l		SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN				
	2-Wire voice unbundled port - residence			UEPRX	UEPRL	14.00	90.00	90.00				40.71	9.58						
	2-Wire voice unbundled port with Caller ID - res			UEPRX	UEPRC	14.00	90.00	90.00				40.71	9.58						
	2-Wire voice unbundled port outgoing only - res			UEPRX	UEPRO	14.00	90.00	90.00				40.71	9.58						
	2-Wire voice unbundles res, low usage line port with Caller ID (LUM)			UEPRX	UEPAP	14.00	90.00	90.00				40.71	9.58						
	LOCAL NUMBER PORTABILITY																		
	Local Number Portability (1 per port)			UEPRX	LNPCX	0.35													
	FEATURES																		
	All Features Offered			UEPRX	UEPVF	0.00	0.00	0.00											
	NONRECURRING CHARGES - CURRENTLY COMBINED																		
	ADDITIONAL NRCS																		
	NRCS - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent			UEPRX	USAS2		0.00	0.00				40.71	9.58						
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS)																		
	LINE Port/Loop Combination Rates																		
	2-Wire VG Loop/Port Combo - Zone 1	1				28.35													
	2-Wire VG Loop/Port Combo - Zone 2	2				37.31													
	2-Wire VG Loop/Port Combo - Zone 3	3				56.24													
	LINE Loop Rates																		
	2-Wire Voice Grade Loop (SL1) - Zone 1	1		UEPRX	UEPLX	14.35													
	2-Wire Voice Grade Loop (SL1) - Zone 2	2		UEPRX	UEPLX	23.31													
	2-Wire Voice Grade Loop (SL1) - Zone 3	3		UEPRX	UEPLX	42.24													
	2-Wire Voice Grade Line Port (Bus)																		
	2-Wire voice unbundled port without Caller ID - bus			UEPRX	UEPBL	14.00	90.00	90.00				40.71	9.58						
	2-Wire voice unbundled port with Caller + E464 ID - bus			UEPRX	UEPBC	14.00	90.00	90.00				40.71	9.58						
	2-Wire voice unbundled port outgoing only - bus			UEPRX	UEPBO	14.00	90.00	90.00				40.71	9.58						
	LOCAL NUMBER PORTABILITY																		
	Local Number Portability (1 per port)			UEPRX	LNPCX	0.35													
	FEATURES																		
	All Features Offered			UEPRX	UEPVF	0.00	0.00	0.00				40.71	9.58						
	NONRECURRING CHARGES - CURRENTLY COMBINED																		
	ADDITIONAL NRCS																		
	NRCS - 2-Wire Voice Grade Loop/Line Port Combination - Subsequent			UEPRX	USAS2		0.00	0.00				40.71	9.58						
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES - PBX)																		
	LINE Port/Loop Combination Rates																		
	2-Wire VG Loop/Port Combo - Zone 1	1				28.35													
	2-Wire VG Loop/Port Combo - Zone 2	2				37.31													
	2-Wire VG Loop/Port Combo - Zone 3	3				56.24													
	LINE Loop Rates																		
	2-Wire Voice Grade Loop (SL1) - Zone 1	1		UEPRG	UEPLX	14.35													
	2-Wire Voice Grade Loop (SL1) - Zone 2	2		UEPRG	UEPLX	23.31													
	2-Wire Voice Grade Loop (SL1) - Zone 3	3		UEPRG	UEPLX	42.24													
	2-Wire Voice Grade Line Port Rates (RES - PBX)																		
	2-Wire VG Unbundled Combination 2-Way PBX Trunk Port - Res			UEPRG	UEPRD	14.00	90.00	90.00				40.71	9.58						
	LOCAL NUMBER PORTABILITY																		
	Local Number Portability (1 per port)			UEPRG	LNPCP	3.15													
	FEATURES																		
	All Features Offered			UEPRG	UEPVF	0.00	0.00	0.00				40.71	9.58						
	ADDITIONAL NRCS																		
	2-Wire Loop/Line Side Port Combination - Non feature - Subsequent Activity - Nonrecurring						0.00	0.00				40.71	9.58						
	PBX Subsequent Activity - Change/Fearrange Multiline Hunt Group						0.00	0.00				40.71	9.58						
	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (BUS - PBX)						14.64	14.64				40.71	9.58						
	LINE Port/Loop Combination Rates																		
	2-Wire VG Loop/Port Combo - Zone 1	1				28.35													

UNBUNDLED NETWORK ELEMENTS - Alabama													Exhibit B									
CATEGORY	RATE ELEMENTS	Interim	BCS	USOC	RATES (\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Attachment: 2			Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st	Incremental Charge - Manual Svc Order vs. Electronic-Add'l				
					Nonrecurring First	Add'l	Disconnect First			Add'l	SOMAN	SOMAN							SOMAN	SOMAN	SOMAN	SOMAN
Rec	First	Add'l	First	Add'l	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN											
	2-Wire VG Loop/Port Combo - Zone 2	2				37.31																
	2-Wire VG Loop/Port Combo - Zone 3	3				56.24																
LINE Loop Rates																						
	2-Wire Voice Grade Loop (SL1) - Zone 1	1	UEPPX	UEPLX		14.35																
	2-Wire Voice Grade Loop (SL1) - Zone 2	2	UEPPX	UEPLX		23.31																
	2-Wire Voice Grade Loop (SL1) - Zone 3	3	UEPPX	UEPLX		42.24																
2-Wire Voice Grade Line Port Rates (BUS - PBX)																						
	Line Side Unbundled Combination 2-Way PBX Trunk Port - Bus		UEPPX	UEPPC		14.00	90.00							40.71	9.58							
	Line Side Unbundled Outward PBX Trunk Port - Bus		UEPPX	UEPPC		14.00	90.00							40.71	9.58							
	Line Side Unbundled Incoming PBX Trunk Port - Bus		UEPPX	UEPPC		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 2-Way Combination PBX Alabama		UEPPX	UEPPA2		14.00	90.00							40.71	9.58							
	Calling Port		UEPPX	UEPPD		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled PBX LD Terminal Ports		UEPPX	UEPPA		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 2-Way Combination PBX Usage Port		UEPPX	UEPPA		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled PBX Tail Terminal Hotel Ports		UEPPX	UEPPA		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled PBX LD DDD Terminal Ports		UEPPX	UEPPG		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled PBX LD Terminal Switchboard Port		UEPPX	UEPPD		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled PBX LD Terminal Switchboard DDD		UEPPX	UEPPD		14.00	90.00							40.71	9.58							
	Capable Port		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy		UEPPX	UEPXL		14.00	90.00							40.71	9.58							
	Administrative Calling Port		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 2-Way PBX Hotel/Hospital Economy		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	Room Calling Port		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	Discount Room Calling Port		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
	2-Wire Voice Unbundled 1-Way Outgoing PBX Measured Port		UEPPX	UEPPX		14.00	90.00							40.71	9.58							
LOCAL NUMBER PORTABILITY																						
	Local Number Portability (1 per port)		UEPPX	UEPPC		3.15																
FEATURES																						
	AI Features Offered		UEPPX	UEPPV		0.00	0.00							40.71	9.58							
NONRECURRING CHARGES - CURRENTLY COMBINED																						
ADDITIONAL NRCS																						
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent		UEPPX	USAS2			0.00							40.71	9.58							
	2-Wire Loop/Line Side Port Combination - Non feature -						0.00							40.71	9.58							
	Subsequent Activity - Nonrecurring						0.00							40.71	9.58							
	PBX Subsequent Activity - Change/Rearrange Multiline Hunt						14.64							40.71	9.58							
	Group																					
2-WIRE VOICE GRADE LOOP WITH 2-WIRE ANALOG LINE COIN PORT																						
LINE Port/Loop Combination Rates																						
	2-Wire VG Coin Port/Loop Combo - Zone 1	1				28.35																
	2-Wire VG Coin Port/Loop Combo - Zone 2	2				37.31																
	2-Wire VG Coin Port/Loop Combo - Zone 3	3				56.24																
LINE Loop Rates																						
	2-Wire Voice Grade Loop (SL1) - Zone 1	1	UEPPC	UEPLX		14.35																
	2-Wire Voice Grade Loop (SL1) - Zone 2	2	UEPPC	UEPLX		23.31																
	2-Wire Voice Grade Loop (SL1) - Zone 3	3	UEPPC	UEPLX		42.24																
2-Wire Voice Grade Line Port Rates (Coin)																						
	2-Wire Coin 2-Way without Operator Screening and without		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	Blocking (AL, KY, LA, MS)		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	2-Wire Coin 2-Way with Operator Screening (AL, KY)		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	2-Wire Coin 2-Way with Operator Screening and Blocking; 011;		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	900976, 1-800 (AL, KY, LA, MS, SC)		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	2-Wire Coin 2-Way with Operator Screening and 011 Blocking		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	(AL, LA, MS)		UEPPC	UEPPF		14.00	90.00							40.71	9.58							
	2-Wire Coin 2-Way with Operator Screening & Blocking;		UEPPC	UEPPD		14.00	90.00							40.71	9.58							
	900976, 1-800, 011+, & Local (AL, KY, LA, MS)		UEPPC	UEPPD		14.00	90.00							40.71	9.58							

UNBUNDLED NETWORK ELEMENTS - Alabama													Exhibit: B			
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	Attachment: 2			Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	Incremental Charge - Manual Svc Order vs. Electronic-1st Add'l	
						Nonrecurring				Nonrecurring Disconnect First	SOMAN	SOMAN				SOMAN
						Rec	First									
	2-Wire Coin Outward with Operator Screening and 011 Blocking (AL, FL)			UEPCO	UEPRK	14.00	90.00	90.00				40.71	9.58			
	2-Wire Coin Outward with Operator Screening and Blocking: 011, 900/976, 1-HDD (AL, KY, LA, MS)			UEPCO	UEPRH	14.00	90.00	90.00				40.71	9.58			
	2-Wire Coin Outward Operator Screening & Blocking: 900/976, 1-HDD, 011, & Local (AL, KY, LA, MS)			UEPCO	UEPCN	14.00	90.00	90.00				40.71	9.58			
	LOCAL NUMBER PORTABILITY			UEPCO	LNPKX	0.35										
	Local Number Portability (1 per port)			UEPCO												
	ADDITIONAL NRCS			UEPCO	USAS2		0.00	0.00				40.71	9.58			
	2-Wire Voice Grade Loop/Line Port Combination - Subsequent			UEPCO												
UNBUNDLED CENTREX PORT/LOOP COMBINATIONS - COST BASED RATES																
1. Cost Based Rates are applied where BellSouth is required by FCC and/or State Commission rule to provide Unbundled Local Switching or Switch Ports.																
2. Features shall apply to the Unbundled Port/Loop Combination - Cost Based Rates in the same manner as they are applied to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																
3. End Office and Tandem Switching Usage and Common Transport Usage rates in the Port section of this rate exhibit shall apply to all combinations of loop/port network elements except for UNE Coin Port/Loop Combinations.																
4. For Georgia, Kentucky, Louisiana, Mississippi, South Carolina, and Tennessee, the recurring UNE Port and Loop charges listed apply to Currently Combined and Not Currently Combined Combs. The first and additional Port nonrecurring charges apply to Not Currently Combined Combs for all states. In GA, KY, LA, MS, SC, and TN these nonrecurring charges are commission ordered cost based rates and in AL, FL, and NC these nonrecurring charges are nonrecurring charges apply to Not Currently Combined Combs in all other states, the nonrecurring charges shall be those identified in the Nonrecurring - Currently Combined sections.																
5. Market Rates for Unbundled Centrex Port/Loop Combination will be negotiated on an individual Case Basis, until further notice.																
	UNE-P CENTREX - 1AESS - (Valid in AL, FL, GA, KY, LA, MS, & TN only)															
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Combo															
UNE Port/Loop Combination Rates (Non-Design)																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design	1	UEP91			16.55										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design	2	UEP91			25.51										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design	3	UEP91			44.44										
UNE Port/Loop Combination Rates (Design)																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design	1	UEP91			22.62										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design	2	UEP91			29.61										
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design	3	UEP91			38.09										
UNE Loop Rates																
	2-Wire Voice Grade Loop (SL 1) - Zone 1	1	UEP91		UECS1	14.35										
	2-Wire Voice Grade Loop (SL 1) - Zone 2	2	UEP91		UECS1	23.31										
	2-Wire Voice Grade Loop (SL 1) - Zone 3	3	UEP91		UECS1	42.24										
	2-Wire Voice Grade Loop (SL 2) - Zone 1	1	UEP91		UECS2	20.42										
	2-Wire Voice Grade Loop (SL 2) - Zone 2	2	UEP91		UECS2	27.41										
	2-Wire Voice Grade Loop (SL 2) - Zone 3	3	UEP91		UECS2	35.69										
UNE Ports																
	All States (Except North Carolina and South Carolina)															
	2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP91	UEPYA	2.20						40.71	9.58			
	2-Wire Voice Grade Port (Centrex 800 termination) Basic Local Area			UEP91	UEPYB	2.20						40.71	9.58			
	2-Wire Voice Grade Port (Centrex with Caller ID) Basic Local Area			UEP91	UEPYH	2.20						40.71	9.58			
	2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) Basic Local Area			UEP91	UEPYM	2.20						40.71	9.58			
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term - Basic Local Area			UEP91	UEPYZ	2.20						40.71	9.58			

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Manually per LSR	Svc Order Submitted Elec per LSR	Incremental Charge - Manual Svc Order vs. Electronic-1st Addtl	Incremental Charge - Manual Svc Order vs. Electronic-1st Addtl	Incremental Charge - Manual Svc Order vs. Electronic-1st Addtl	Incremental Charge - Manual Svc Order vs. Electronic-1st Addtl	Incremental Charge - Manual Svc Order vs. Electronic-1st Addtl
					Rac	Nonrecurring First Addtl	Nonrecurring First Addtl	Disconnect Addtl	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	2-Wire Voice Grade Port terminated in on Megalink or equivalent - Basic Local Area		UEP91	UEPY9	2.20				40.71	9.58			
	2-Wire Voice Grade Port terminated on 800 Service Term - Basic Local Area		UEP91	UEPY2	2.20				40.71	9.58			
AL, KY, LA, MS, & TN Only	2-Wire Voice Grade Port (Centrex)		UEP91	UEPDA	2.20				40.71	9.58			
	2-Wire Voice Grade Port (Centrex 800 termination)		UEP91	UEPDB	2.20				40.71	9.58			
	2-Wire Voice Grade Port (Centrex with Caller ID)		UEP91	UEPOH	2.20				40.71	9.58			
	2-Wire Voice Grade Port (Centrex from diff Serving Wire Center)		UEP91	UEPOM	2.20				40.71	9.58			
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term		UEP91	UEPQZ	2.20				40.71	9.58			
	2-Wire Voice Grade Port terminated in on Megalink or equivalent		UEP91	UEPQ9	2.20				40.71	9.58			
	2-Wire Voice Grade Port terminated on 800 Service Term		UEP91	UEPQ2	2.20				40.71	9.58			
Local Switching	Centrex Intercom Functionality, per port		UEP91	UEPCS	0.5488								
Local Number Portability	Local Number Portability (1 per port)		UEP91	UINPGC	0.35								
Features	All Standard Features Offered, per port		UEP91	UEPMF	2.64								
	All Select Features Offered, per port		UEP91	UEPVS	0.00	405.32			40.71	9.58			
	All Centrex Control Features Offered, per port		UEP91	UEPMC	2.64								
	Unbundled Network Access Register - Combination		UEP91	UAPRCX	0.00	0.00	0.00		40.71	9.58			
NAIRS	Unbundled Network Access Register - Initial		UEP91	UAPR1X	0.00	0.00	0.00		40.71	9.58			
	Unbundled Network Access Register - Outdial		UEP91	UAPROX	0.00	0.00	0.00		40.71	9.58			
Miscellaneous Terminations													
2-Wire Trunk Side	Trunk Side Terminations, each		UEP91	GENAG	9.17								
Interface Channel Mileage - 2-Wire	Interface Channel Mileage - 2-Wire		UEP91	MGBC	24.15				40.71	9.58			
Interface Channel Mileage - 2-Wire	Interface Channel Mileage, per mile or fraction of mile		UEP91	MGBCM	0.0101				40.71	9.58			
Feature Activations (DST) Centrex Loops on Channelized DST Service	Feature Activation on D-4 Channel Bank Centrex Loop Slot		UEP91	1PQWS	0.84								
	Feature Activation on D-4 Channel Bank FX Line Side Loop Slot		UEP91	1PQW6	0.84								
	Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot		UEP91	1PQW7	0.84								
	Feature Activation on D-4 Channel Bank Centrex Loop Slot - Different Wire Capable		UEP91	1PQWP	0.84								
	Feature Activation on D-4 Channel Bank Private Line Loop Slot		UEP91	1PQWV	0.84								
	Feature Activation on D-4 Channel Bank Title Line/Trunk Loop Slot		UEP91	1PQWQ	0.84								
	Feature Activation on D-4 Channel Bank WATS Loop Slot		UEP91	1PQWA	0.84								
Non-Recurring Charges (NRC) Associated with UNE-P Centrex Conversion - Currently Combined Switch-IG-B with allowed charges, per port	New Centrex Standard Common Block		UEP91	USAC2	2.80	0.41			40.71	9.58			
	New Centrex Customized Common Block		UEP91	MTACS	667.21				40.71	9.58			
	New Centrex Customized Common Block		UEP91	MTACC	667.21				40.71	9.58			
	Secondary Block, per Block		UEP91	MTCC1	72.73				40.71	9.58			
	NAH Establishment Charge, Per Occasion		UEP91	URECA	0.00								
UNE-P CENTREX - BESS (Valid in All States)													
2-Wire VQ Loop/2-Wire Voice Grade Port (Centrex) Combo													

UNBUNDLED NETWORK ELEMENTS - Alabama										Attachment: 2		Exhibit B	
CATEGORY	RATE ELEMENTS	Interim	Zone	BCS	USOC	RATES (\$)		Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l		Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l	
										Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l		Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l	
						Rec	Nonrecurring Add'l	Nonrecurring Disconnect First	Nonrecurring Disconnect Add'l	SOMAN	SOMAN	SOMAN	SOMAN
	LINE Port/Loop Combination Rates (Non-Design)												
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		1	UEP95		16.55							
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		2	UEP95		25.51							
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		3	UEP95		44.44							
	LINE Port/Loop Combination Rates (Design)												
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		1	UEP95		22.62							
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		2	UEP95		29.61							
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design		3	UEP95		38.09							
	LINE Loop Rate												
	2-Wire Voice Grade Loop (SL 1) - Zone 1		1	UEP95	UECS1	14.35							
	2-Wire Voice Grade Loop (SL 1) - Zone 2		2	UEP95	UECS1	23.31							
	2-Wire Voice Grade Loop (SL 1) - Zone 3		3	UEP95	UECS1	42.24							
	2-Wire Voice Grade Loop (SL 2) - Zone 1		1	UEP95	UECS2	20.42							
	2-Wire Voice Grade Loop (SL 2) - Zone 2		2	UEP95	UECS2	27.41							
	2-Wire Voice Grade Loop (SL 2) - Zone 3		3	UEP95	UECS2	35.89							
	LINE Port Rate												
	2-Wire Voice Grade Port (Centrex) Basic Local Area			UEP95	UEPYA	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex) 800 Termination			UEP95	UEPYB	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex with Caller ID) Basic Local Area			UEP95	UEPYH	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) Basic Local Area			UEP95	UEPYM	2.20				40.71	9.58		
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term - Basic Local Area			UEP95	UEPYZ	2.20				40.71	9.58		
	2-Wire Voice Grade Port terminated on Megalink or equivalent			UEP95	UEPY9	2.20				40.71	9.58		
	2-Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP95	UEPY2	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex)			UEP95	UEPQA	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex 800 Termination)			UEP95	UEPQB	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex with Caller ID)			UEP95	UEPQH	2.20				40.71	9.58		
	2-Wire Voice Grade Port (Centrex from diff Serving Wire Center) 2			UEP95	UEPQM	2.20				40.71	9.58		
	2-Wire Voice Grade Port, Diff Serving Wire Center - 800 Service Term			UEP95	UEPOZ	2.20				40.71	9.58		
	2-Wire Voice Grade Port terminated on Megalink or equivalent			UEP95	UEPO9	2.20				40.71	9.58		
	2-Wire Voice Grade Port Terminated on 800 Service Term			UEP95	UEPO2	2.20				40.71	9.58		
	Local Switching			UEP95	UEPCS	0.5488							
	Centrex Intercom Functionality, per port												
	Local Number Portability												
	Local Number Portability (1 per port)			UEP95	LNPC	0.35							
	Features												